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Search **PubMed** for **FACS based on cell age**

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Limits: Publication Date to 2002

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#75	Search FACS based on cell age Limits: Publication Date to 2002	16:41:40	132
#74	Search Sheehy MR Limits: Publication Date to 2002	16:40:49	5
#72	Search (" fluorescence activated cell sorting " OR " flow cytometry ") AND (separate OR sort) AND (nerve OR neuronal OR nervous OR neural) Limits: Publication Date to 2002	16:39:14	21
#70	Search (" fluorescence activated cell sorting " OR " flow cytometry ") AND (separate OR sort) AND (age) AND (nerve OR neuronal OR nervous OR neural) Limits: Publication Date to 2002	16:38:31	2
#68	Search " Methods Cell Biol "[Journal] Limits: Publication Date to 2002	16:06:37	1582
#66	Search (" fluorescence activated cell sorter " " flow cytometry " OR " fluorescence activated cell sorting " OR facs) AND (separation methods) Limits: Publication Date to 2002	16:06:10	1956
#65	Search (" fluorescence activated cell sorter " " flow cytometry " OR " fluorescence activated cell sorting " OR facs) Field: All Fields, Limits: Publication Date to 2002	16:05:39	47877
#64	Search (" fluorescence activated cell sorter " " flow cytometry " OR " fluorescence activated cell sorting " OR facs)	16:05:31	62410
#60	Search (" fluorescence activated cell sorter " " flow cytometry " OR " fluorescence activated cell sorting " OR facs) AND lipofuscin	16:05:13	11
#61	Related Articles for PubMed (Select 14764326) sort by: PublicationDate	16:03:51	115
#54	Search (" fluorescence activated cell sorter " OR " fluorescence activated cell sorting " OR facs) AND lipofuscin	15:47:03	12
#59	Related Articles for PubMed (Select 15915507)	15:46:37	105
#58	Search (" fluorescence activated cell sorter " OR " fluorescence activated cell sorting " OR facs) AND " histone acetylation "	15:46:02	27
#57	Search (" fluorescence activated cell sorter " OR " fluorescence activated cell sorting " OR facs) AND " histone acetylation level "	15:45:51	0
#53	Search (" fluorescence activated cell sorter " or " fluorescence activated cell sorting " or FACS) AND lipofuscin	15:43:58	0
#52	Search " fluorescence activated cell sorter " or " fluorescence	15:43:31	63248

activated cell sorting" or FACS		
#50 Search "The New England journal of medicine"[Jour] AND 314[volume] AND 1075[page] AND 1986[pdat]	11:07:59	1
#49 Search "Radiocarbon"[Jour] AND 25[volume] AND 629[page] AND 1983[pdat]	11:07:41	0
#48 Search Robertson JD AND alzheimer	10:48:00	3
#47 Search Robertson JD	10:47:51	170
#46 Search radio analytical chemistry AND alzheimer's disease	10:45:12	3
#45 Search radioanalytical chemistry AND Alzheimer's disease	10:45:10	0
#44 Search Applications of radioanalytical chemistry to Alzheimer's disease	10:44:57	0
#43 Related Articles for PubMed (Select 15706618) sort by: PublicationDate	10:44:11	102
#41 Search neuroscience accelerator mass spectrometry	10:39:42	1
#40 Search Nuclear instruments & methods in physics research. Section B, Beam interactions with materials and atoms[Jour]	09:40:39	0
#39 Search Nuclear instruments & methods in physics research. Section B, Beam interactions with materials and atoms[Jour] AND 2005[pdat]	09:40:30	0
#38 Search "Nuclear instruments & methods in physics research. Section B, Beam interactions with materials and atoms"[Jour] AND 2000[pdat]	09:40:18	0
#37 Search 172[volume] AND 944[page] AND 2000[pdat]	09:39:39	0
#36 Search "Nuclear instruments & methods in physics research. Section A, Accelerators, spectrometers, detectors and associated equipment"[Jour] AND 172[volume] AND 944 [page] AND 2000[pdat]	09:39:24	0
#34 Search Lovell MA Field: All Fields, Limits: Publication Date to 2003	09:26:39	94
#33 Search Lovell MA	09:23:45	114
#31 Search Frisen J	09:19:30	69
#29 Search peat AND AMS	08:59:22	3
#28 Search black spruce AND life span	08:33:59	0
#27 Search black spruce AND biomass	08:33:51	2
#26 Search black spruce	08:33:41	102
#25 Search black spruce clones	08:33:32	2
#23 Search mycobacterial DNA andean mummies	08:32:06	1
#22 Search life span biomass stunted black spruce clones Field: Title Word	08:31:49	0
#21 Search biomass "radiocarbon dating"	08:31:21	0
#20 Search biomass radiocarbon dating	08:31:15	0
#19 Search biomass radiocarbon dating random amplified polymorphic DNA	08:31:10	0
#17 Search love ah	08:28:42	140
#13 Related Articles for PubMed (Select 12144257) sort by: PublicationDate	08:28:27	168
#12 Search Love AH	08:20:10	140

#10 Search 37[volume] AND 4330[page] AND 2003[pdat]
#4 Related Articles for PubMed (Select 16009139)
#2 Search Spalding KL
#1 Search 2005[pdat] AND Spalding[auth]

08:19:51 1
08:10:42 102
08:09:22 9
08:03:45 32

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Nov 29 2005 11:19:28

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to core patent offices
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of Caplus documents for use in third-party analysis and
visualization tools
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spectral property data

NEWS EXPRESS NOVEMBER 18 CURRENT VERSION FOR WINDOWS IS V8.01,
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=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'STNGUIDE' ENTERED AT 06:55:05 ON 02 DEC 2005

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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Nov 23, 2005 (20051123/UP).

```
=> FIL HOME
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                               ENTRY      SESSION
FULL ESTIMATED COST          0.06          0.27
```

FILE 'HOME' ENTERED AT 06:55:09 ON 02 DEC 2005

```
=> file biosis medline
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                               ENTRY      SESSION
FULL ESTIMATED COST          0.42          0.69
```

FILE 'BIOSIS' ENTERED AT 06:56:37 ON 02 DEC 2005
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FILE 'MEDLINE' ENTERED AT 06:56:37 ON 02 DEC 2005

```
=> set plurals on perm
SET COMMAND COMPLETED
```

```
=> s ?carbon(4w)dating or radiocarbon or carbon(a)14
L1      39045 ?CARBON(4W) DATING OR RADIOCARBON OR CARBON(A) 14
```

```
=> s biomaterial# or biological(w)sample# or tissue# or cell# or organ# or skin# or
?peptide or protein# or DNA or ?nucle? or RNA or bone# or enamel# or collagen
75% OF LIMIT FOR TOTAL ANSWERS REACHED
1 FILES SEARCHED...
L2      12211341 BIOMATERIAL# OR BIOLOGICAL(W) SAMPLE# OR TISSUE# OR CELL# OR
          ORGAN# OR SKIN# OR ?PEPTIDE OR PROTEIN# OR DNA OR ?NUCLE? OR
          RNA OR BONE# OR ENAMEL# OR COLLAGEN
```

```
=> 1 and 2
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COMMAND INTERRUPTED
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Enter "HELP STN" for information on contacting the nearest STN Help
Desk by telephone or via SEND in the STNMAIL file.
```

```
=> s l1 (s) l2
L3      5542 L1 (S) L2
```

```
=> d scan
```

```
L3      5542 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI      Determination of the tissue distribution and excretion by accelerator mass
spectrometry of the nonadecapeptide C-14-Mol11901 in beagle dogs after
intratracheal instillation.
IT      Methods & Equipment
          accelerator mass spectrometry: laboratory techniques, spectrum analysis
          techniques
```

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):5

```
L3      5542 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI      Metabolism and disposition of hydroquinone in Fischer 344 rats after oral
or dermal administration.
```

```
L3      5542 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI      Radiocarbon in otoliths of yelloweye rockfish (Sebastes ruberrimus): a
```

reference time series for the coastal waters of southeast Alaska.

- IT Miscellaneous Descriptors
coastal waters; ecotoxicology; reference time series; thermonuclear
devices: atmospheric devices
- L3 5542 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Absorption, tissue distribution, excretion, and metabolism of clothianidin
in rats.
- L3 5542 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Environmental background 14C levels in Japan in 1990s.
- IT Miscellaneous Descriptors
Suess effect; fossil fuel combustion; nuclear weapons test; wine: wine
- L3 5542 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Discrepancy of 18F-FDG and 14C-IAP accumulation in sublingual gland.
- IT Methods & Equipment
14-carbon iodoantipryne imaging: analytical method, imaging method;
18-fluorine-fluorodeoxyglucose imaging [18-fluorine-FDG imaging]:
analytical method, imaging method; gamma counter analysis: analytical
method
- IT Miscellaneous Descriptors
linear correlation; Meeting Abstract; Meeting Poster
- HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1): 5
- L3 5542 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Late prehistoric Lucayan occupation and subsistence on Middle Caicos
Island, Northern West Indies.
- IT Methods & Equipment
AMS radiocarbon dating: dating method
- IT Miscellaneous Descriptors
chronology; midden deposit; sea grass habitats; stratigraphy
- L3 5542 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Nucleoside transport in *Coxiella burnetii* nine mile strain phase I and
phase II variants.
- IT Miscellaneous Descriptors
Meeting Abstract
- L3 5542 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Simultaneous measurement of cerebral blood flow and mRNA signals:
Pixel-based inter-modality correlational analysis.
- IT Methods & Equipment
Amersham Hyperfilm autoradiographic film: Amersham, laboratory
equipment; MCID Model M2 image-analysis system: Imagine Research, Inc.,
laboratory equipment; Micro-Nikkor lens: Nikon, laboratory equipment;
charge-coupled-device-based camera [CCD-based camera]: Xillix
Technologies Corp., laboratory equipment; chloroform wash-out
procedure: Preparatory and General Laboratory Techniques, tissue
method; disparity analysis: Imaging Techniques, analytical method;
dual-autoradiography: Imaging Techniques, measurement method; in situ
hybridization: analytical method, nucleic acid labeling; pixel-based
inter-modality correlational analysis: Mathematical and Computer
Techniques, analytical method, measurement method
- IT Miscellaneous Descriptors
gene expression; ischemia-reperfusion; local cerebral blood flow
measurement [LCBF measurement]
- L3 5542 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI The Krems-Hundssteig "Gravettian" human remains are Holocene.
- IT Methods & Equipment
bone radiocarbon dating: assessment
method
- IT Miscellaneous Descriptors

appendicular remains

L3 5542 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI A molecular analysis of ground sloth diet through the last glaciation.
IT Methods & Equipment
molecular analysis: analytical method; radiocarbon dating: dating
method
IT Miscellaneous Descriptors
GenBank; coprolite; diet

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s fluorescence(w)activated(w)cell(w)sort?

L4 9329 FLUORESCENCE(W) ACTIVATED(W) CELL(W) SORT?

=> 4 and 3

SYSTEM LIMITS EXCEEDED - SEARCH ENDED

SYSTEM LIMITS EXCEEDED - SEARCH ENDED

COMMAND INTERRUPTED

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=> s l4 and l3

L5 1 L4 AND L3

=> d scan

L5 1 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI HIGH INTRA CELLULAR PH ACCOMPANIES MITOTIC ACTIVITY IN MURINE LYMPHOCYTES.
IT Miscellaneous Descriptors
ABELSON MURINE LEUKEMIA VIRUS TRANSFORMED K CELLS BM-18-4
CELLS ABL5-1 CELLS ONCORNAVIRUS SPLEEN LIPO POLY
SACCHARIDE CONCANAVALIN A 4 METHYL UMBELLIFERONE CARBON-
14 LABELED DI METHYL OXAZOLIDINEDIONE

ALL ANSWERS HAVE BEEN SCANNED

=> (agent or compound or drug or pharmaceutical)(s)(administer? contact? dos?
screen? test? measur? monitor?)

L6 0 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER?
CONTACT? DOS? SCREEN? TEST? MEASUR? MONITOR?)

=> (agent or compound or drug or pharmaceutical)(s)(administer? or contact? or dos?
or screen? or test? or measur? or monitor?)

L7 701626 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? OR
CONTACT? OR DOS? OR SCREEN? OR TEST? OR MEASUR? OR MONITOR?)

=> d his

(FILE 'HOME' ENTERED AT 06:54:53 ON 02 DEC 2005)

FILE 'STNGUIDE' ENTERED AT 06:55:05 ON 02 DEC 2005

FILE 'HOME' ENTERED AT 06:55:09 ON 02 DEC 2005

FILE 'BIOSIS, MEDLINE' ENTERED AT 06:56:37 ON 02 DEC 2005

SET PLURALS ON PERM

L1 39045 S ?CARBON(4W)DATING OR RADIOCARBON OR CARBON(A)14
L2 12211341 S BIOMATERIAL# OR BIOLOGICAL(W)SAMPLE# OR TISSUE# OR CELL# OR O
L3 5542 S L1 (S) L2
L4 9329 S FLUORESCENCE(W)ACTIVATED(W)CELL(W)SORT?
L5 1 S L4 AND L3
L6 0 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? CO

L7 701626 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? OR

=> s l3 and l7

L8 128 L3 AND L7

=> d scna

'SCNA' IS NOT A VALID FORMAT

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REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):d scan

'D' IS NOT A VALID FORMAT

'SCAN' IS NOT A VALID FORMAT

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REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):default

'DEFAULT' IS NOT A VALID FORMAT

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L8 ANSWER 1 OF 128 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

AN 2005:179092 BIOSIS

DN PREV200500179955

TI Metabolism and disposition of hydroquinone in Fischer 344 rats after oral or dermal administration.

AU English, J. C. [Reprint Author]; Deisinger, P. J.

CS Hlth and Environm Labs, Eastman Kodak Co, B320,Kodak Pk,1100 Ridgeway Ave, Rochester, NY, 14652, USA
j.caroline.english@kodak.com; peter.deisinger@kodak.com

SO Food and Chemical Toxicology, (March 2005) Vol. 43, No. 3, pp. 483-493. print.

CODEN: FCTOD7. ISSN: 0278-6915.

DT Article

LA English

ED Entered STN: 11 May 2005

Last Updated on STN: 11 May 2005

=> d scan

L8 128 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

TI THE EFFECT OF BULL SEMINAL VESICLE RNASE ON CELLS OF WALKER CARCINO SARCOMA AND SAJDEL HEPATOMA OF RATS.

IT Miscellaneous Descriptors

ANTI NEOPLASTIC-DRUG CARBON-14

OROTIC-ACID INCORPORATION INDIRECT IMMUNO FLUORESCENCE ANTI

TESTICULAR TEST CELL MEMBRANE RNASE BINDING

CAPACITY

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L8 128 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

TI DELIVERY OF CARBON-14 LABELED LIGNOCAINE AND BLOOD FLOW TO CANINE ORGANS AFTER CORONARY OCCLUSION A PHYSICAL SEPARATION TECHNIQUE TO MEASURE DRUG CONCENTRATION AND MICROSPHERE BLOOD FLOW IN THE SAME TISSUE SAMPLE.

IT Miscellaneous Descriptors

DOG CARDIOVASCULAR-DRUG HORMONES ABNORMAL BLOOD FLOW DISTRIBUTION
PHARMACO KINETICS

- L8 128 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI INTRODUCTION AND METABOLISM OF PENTOSE AND HEXOSE PHOSPHATES IN
PERMEABILIZED MORRIS HEPATOMA 5123TC CELLS.
IT Miscellaneous Descriptors
CARBON-14 AUTORADIOGRAPHY PLASMA MEMBRANE
LYSOLECITHIN DNA SYNTHESIS
- L8 128 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI THE UPTAKE AND METABOLISM OF 4 CARBON-14 TESTOSTERONE
IN HUMAN BREAST CANCER GROWN IN ORGAN CULTURE.
IT Miscellaneous Descriptors
HORMONE-DRUG FIBRO ADENOMA ANDROSTENEDIONE ANDROSTERONE DI
HYDRO TESTOSTERONE ANDROSTANEDIONE ANDROSTANEDIOL FORMATION
- L8 128 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI EFFECT OF DE POLARIZING AGENTS ON THE INCORPORATION OF AMINO-ACIDS INTO
SOLUBLE CYTOPLASMIC AND MEMBRANE BOUND PROTEINS OF SYNAPTOSOME FRACTIONS.
IT Miscellaneous Descriptors
RAT CEREBRAL CORTEX VERATRINE POTASSIUM METABOLIC-DRUG TITYUS TOXIN
CARBON-14 LABELED LEUCINE PROTEIN
HYDROLYSATE GLUTAMATE ASPARTATE
- L8 128 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI OCULAR BIOAVAILABILITY AND TISSUE DISTRIBUTION OF CARBON
-14 KETOROLAC TROMETHAMINE IN RABBITS.
IT Miscellaneous Descriptors
ANTIINFLAMMATORY-DRUG OPHTHALMIC-DRUG PHARMACOKINETICS
- L8 128 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Absorption, tissue distribution, excretion, and metabolism of clothianidin
in rats.
- L8 128 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI DISTRIBUTION OF CARBON-14 LABELED LIDOCAINE AND
PERFUSION AFTER CORONARY OCCLUSION IN CANINE TISSUES A
CONVENIENT NEW PHYSICAL SEPARATION TECHNIQUE TO MEASURE
DRUG CONCENTRATION AND BLOOD FLOW TO THE SAME TISSUE
SAMPLE.
IT Miscellaneous Descriptors
ABSTRACT CARDIOVASCULAR-DRUG CORONARY OCCLUSION
- L8 128 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI PHARMACOKINETICS OF CIPROFLOXACIN 1ST COMMUNICATION ABSORPTION
CONCENTRATIONS IN PLASMA METABOLISM AND EXCRETION AFTER A SINGLE
ADMINISTRATION OF CARBON-14 CIPROFLOXACIN IN ALBINO RATS AND RHESUS
MONKEYS MACACA-MULATTA.
IT Miscellaneous Descriptors
ANTIBACTERIAL-DRUG FECES URINE MILK PROTEIN CARBON-
14 AUTORADIOGRAPHY
- L8 128 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI In vivo pharmacokinetics of pyribenzoxim in rats.
IT Methods & Equipment
high performance liquid chromatography [HPLC]: detection method, liquid
chromatography
- L8 128 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI UPTAKE OF CARBON-14 LABELED ESTRADIOL BY
TISSUES OF REPRODUCTIVE TRACT TARGET ORGAN RUDIMENTS IN
RABBIT EMBRYOS.
IT Miscellaneous Descriptors
OVARY TESTIS GENITAL TUBERCLE URO GENITAL SYSTEM HORMONE-

DRUG SEX DIFFERENCE DIFFERENTIATION

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d his

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FILE 'HOME' ENTERED AT 06:55:09 ON 02 DEC 2005

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SET PLURALS ON PERM

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L2 12211341 S BIOMATERIAL# OR BIOLOGICAL(W)SAMPLE# OR TISSUE# OR CELL# OR O
L3 5542 S L1 (S) L2
L4 9329 S FLUORESCENCE(W)ACTIVATED(W)CELL(W)SORT?
L5 1 S L4 AND L3
L6 0 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? CO
L7 701626 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? OR
L8 128 S L3 AND L7

=> s ?carbon(4w)dating or radiocarbon(w)dating

L9 2553 ?CARBON(4W) DATING OR RADIOCARBON(W) DATING

=> s 19 and 12

SYSTEM LIMITS EXCEEDED - SEARCH ENDED

L10 137977 19 AND L2

The search profile you entered was too complex or gave too many answers. Simplify or subdivide the query and try again. If you have exceeded the answer limit, enter DELETE HISTORY at an arrow prompt (= >) to remove all previous answers sets and begin at L1. Use the SAVE command to store any important profiles or answer sets before using DELETE HISTORY.

=> s 19 (s) 12

L11 111 L9 (S) L2

=> d scan

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Current perspectives of 14C-isotope measurement in biomedical accelerator
mass spectrometry.
IT Methods & Equipment
accelerator mass spectrometry [AMS]: laboratory techniques, spectrum
analysis techniques; biomedical accelerator mass spectrometry:
laboratory techniques, spectrum analysis techniques; carbon-14 isotope
measurement: laboratory techniques

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI On the reliability of archaeological rat bone for
radiocarbon dating in New Zealand.
IT Methods & Equipment
radiocarbon dating: dating method
IT Miscellaneous Descriptors
archaeology; methodology

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Recent barrier beach retreat in Georgia: Dating exhumed salt marshes by
aspartic acid racemization and post-bomb radiocarbon.
IT Methods & Equipment
radiocarbon dating: dating method

IT Miscellaneous Descriptors
barrier beach retreat; coastal erosion; overwash events; salt marsh
dynamics; thermonuclear bomb testing

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI **RADIOCARBON DATING OF BONE TO**
COLLAGEN AND BEYOND.

IT Miscellaneous Descriptors
HUMAN CARBON-14 ARCHAEOLOGY PALEOANTHROPOLOGY METHOD

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI POSSIBLE USE OF WOLF CANIS-LUPUS DEN OVER SEVERAL CENTURIES.

IT Miscellaneous Descriptors
NOTE **BONE RADIOCARBON DATING** NORTHWEST
TERRITORIES CANADA

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI THE SHELTON MASTODON SITE MULTIDISCIPLINARY STUDY OF A LATE PLEISTOCENE
TWCREEKAN LOCALITY IN SOUTHEASTERN MICHIGAN USA.

IT Miscellaneous Descriptors
ESOX-LUCIUS PERCA-FLAVESCENS RANA-CATESBEIANA RANA-CLAMITANS
MELEAGRIS-GALLOPAVO MICROTUS-PENNSYLVANICUS ONDATRA-ZIBETHICUS
CASTOR-CANADENSIS CANIS-SP ALCES-ALCES CERVALCES-SCOTTI
MAMMUT-AMERICANUM DIATOM SEDGE GRASS MOLLUSK CONIFER SPRUCE PINE ALGAE
PLANT INVERTEBRATE WOOD DENTITION **BONE** HABITAT PREFERENCE
DEPOSITIONAL ENVIRONMENT PALEOECOLOGY **RADIOCARBON**
DATING BIOSTRATIGRAPHY HOLOCENE; Fossil

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI A NEW FIND OF A MAMMOTH ON CHUKOTSKII PENINSULA RUSSIAN SFSR USSR.

IT Miscellaneous Descriptors
PALYNOLOGICAL ANALYSIS **RADIOCARBON DATING**
SKIN MUSCLE CONNECTIVE TISSUE; Fossil

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI ON THE HOLOCENE HISTORY OF SMALL MAMMALS POPULATIONS IN MONGOLIAN DESERT
STEPPEES.

IT Miscellaneous Descriptors
FAUNISTIC ANALYSIS DESERTIFICATION ECOLOGY **RADIOCARBON DATING**

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI PROBOSCIDEAN ORIGINS OF MASTODON MAMMUT-AMERICANUM AND WOOLLY MAMMOTH
MAMMUTHUS-PRIMIGENIUS DEMONSTRATED IMMUNOLOGICALLY.

IT Miscellaneous Descriptors
ELEPHAS-MAXIMUS LOXODONTA-AFRICANA BONE MUSCLE PROTEIN; Fossil

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI **ORGANO** MINERAL COMPLEXES AND THEIR STUDY BY RADIO **CARBON**
DATING.

IT Miscellaneous Descriptors
ORGANIC CARBON CYCLING CULTIVATED SOILS/

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI THE VORE SITE 48CK-302 A STRATIFIED BUFFALO JUMP IN THE WYOMING BLACK
HILLS USA.

IT Miscellaneous Descriptors
BISON ETHNIC AFFILIATION **BONE** MIDDEN ADAPTATION TREE RING
SERIES SHORT GRASS ECOSYSTEM GEOGRAPHY SEDIMENTOLOGY LITHOLOGY CLIMATE
SELECTIVE PRESSURE RADIO **CARBON DATING**

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d his

(FILE 'HOME' ENTERED AT 06:54:53 ON 02 DEC 2005)

FILE 'STNGUIDE' ENTERED AT 06:55:05 ON 02 DEC 2005

FILE 'HOME' ENTERED AT 06:55:09 ON 02 DEC 2005

FILE 'BIOSIS, MEDLINE' ENTERED AT 06:56:37 ON 02 DEC 2005

SET PLURALS ON PERM

L1 39045 S ?CARBON(4W)DATING OR RADIOCARBON OR CARBON(A)14
L2 12211341 S BIOMATERIAL# OR BIOLOGICAL(W)SAMPLE# OR TISSUE# OR CELL# OR O
L3 5542 S L1 (S) L2
L4 9329 S FLUORESCENCE(W)ACTIVATED(W)CELL(W)SORT?
L5 1 S L4 AND L3
L6 0 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL)(S)(ADMINISTER? CO
L7 701626 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL)(S)(ADMINISTER? OR
L8 128 S L3 AND L7
L9 2553 S ?CARBON(4W)DATING OR RADIOCARBON(W)DATING
L10 137977 S L9 AND L2
L11 111 S L9 (S) L2

=> s l9 and (DNA or RNA or ?nucle? or nucleic(w)acid or ?peptide or protein)
L12 88 L9 AND (DNA OR RNA OR ?NUCLE? OR NUCLEIC(W) ACID OR ?PEPTIDE
OR PROTEIN)

=> d scan

L12 88 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI STABLE CARBON ISOTOPE ANALYSIS OF AMINO ACID ENANTIOMERS BY CONVENTIONAL
ISOTOPE RATIO MASS SPECTROMETRY AND COMBINED GAS CHROMATOGRAPHY-ISOTOPE
RATIO MASS SPECTROMETRY.

IT Miscellaneous Descriptors
CARBON-DATING FOSSILS SOIL ANALYSIS

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L12 88 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Brief communication: Molecular analysis of the Kwaday Dan Ts'inchi ancient
remains found in a glacier in Canada.

IT Methods & Equipment
polymerase chain reaction: analytical method; **radiocarbon**
dating: **dating** method; restriction enzyme analysis:
analytical method

IT Miscellaneous Descriptors
Kwaday Dan Ts'inchi ancient remains

L12 88 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI ACCELERATOR **RADIOCARBON DATING** AT THE MOLECULAR LEVEL.

IT Miscellaneous Descriptors
ACCELERATOR MASS SPECTROMETRY CONTAMINANT REMOVAL FOSSIL BONE DATING
COLLAGEN AMINO ACID HOLOCENE; Fossil

L12 88 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Offspring of lotus fruits exposed to soil gamma-radiation for hundreds of
years: Phenotypic abnormalities and **protein** repair by
L-isoaspartyl methyltransferase (IAMT).

IT Methods & Equipment
accelerator mass spectrometry: physiological method; **carbon**
-14 **dating**: radionuclide method

IT Miscellaneous Descriptors
seed germination: **protein** damage repair; soil
gamma-radiation; Meeting Abstract

L12 88 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI O/N-alkyl and alkyl C are stabilised in fine particle size fractions of
forest soils.

IT Methods & Equipment

NMR spectroscopy: laboratory techniques, spectrum analysis techniques;
radiocarbon dating: laboratory techniques

IT Miscellaneous Descriptors
 soil organic matter; forest soil; decomposition; sand; silt

L12 88 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI MAJOR LOW LEVELS OF LAKE MALAWI AFRICA AND THEIR IMPLICATIONS FOR
 SPECIATION RATES IN CICHLID FISHES.

IT Miscellaneous Descriptors
 MELOSIRA-NYASSENSIS 200 SPECIES **CARBON-14 DATING**
 LEAD-210 HYDROLOGIC MODEL MBUNA MITOCHONDRIAL DNA
 DIFFERENTIATION EVOLUTION SELECTION PRESSURE

L12 88 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI The Neandertal type site revisited: Interdisciplinary investigations of
 skeletal remains from the Neander Valley, Germany.

IT Methods & Equipment
 accelerator mass spectrometry **radiocarbon dating**:
dating method; mitochondrial DNA analysis: genetic
 method

IT Miscellaneous Descriptors
 Neandertal type site; skeletal remains

L12 88 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Archeo-cell biology: **Carbon dating** is not just for
 pots and dinosaurs.

IT Methods & Equipment
carbon-14 dating: laboratory techniques

IT Miscellaneous Descriptors
 life span; birth dating

L12 88 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI ACCURACY OF NORTH AMERICAN HUMAN SKELETON AGES.

IT Miscellaneous Descriptors
 MIGRATION ACCELERATOR MASS SPECTROMETRY **RADIOCARBON**
DATING HOLOCENE PLEISTOCENE; Fossil

L12 88 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Sacred lotus, the long-living fruits of China Antique.

IT Methods & Equipment
carbon-14 dating: radionuclide method

IT Miscellaneous Descriptors
 seed longevity: repair, stress recovery

L12 88 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Profile of Bruce D. Smith.

IT Methods & Equipment
 scanning electron microscopy: laboratory techniques, imaging and
 microscopy techniques; **radiocarbon dating**:
 laboratory techniques; accelerator mass spectrometer: laboratory
 equipment; ancient DNA analysis: laboratory techniques

IT Miscellaneous Descriptors
 agriculture; archaeology; Bruce D.Smith

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d his

(FILE 'HOME' ENTERED AT 06:54:53 ON 02 DEC 2005)

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FILE 'HOME' ENTERED AT 06:55:09 ON 02 DEC 2005

FILE 'BIOSIS, MEDLINE' ENTERED AT 06:56:37 ON 02 DEC 2005

SET PLURALS ON PERM

L1 39045 S ?CARBON(4W) DATING OR RADIOCARBON OR CARBON(A) 14
 L2 12211341 S BIOMATERIAL# OR BIOLOGICAL(W) SAMPLE# OR TISSUE# OR CELL# OR O
 L3 5542 S L1 (S) L2
 L4 9329 S FLUORESCENCE(W) ACTIVATED(W) CELL(W) SORT?
 L5 1 S L4 AND L3
 L6 0 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? CO
 L7 701626 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? OR
 L8 128 S L3 AND L7
 L9 2553 S ?CARBON(4W) DATING OR RADIOCARBON(W) DATING
 L10 137977 S L9 AND L2
 L11 111 S L9 (S) L2
 L12 88 S L9 AND (DNA OR RNA OR ?NUCLE? OR NUCLEIC(W) ACID OR ?PEPTIDE

=> s l12 not ancient

L13 71 L12 NOT ANCIENT

=> d scan

L13 71 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Lifespans and growth patterns of two deep-sea corals: *Primnoa*
resedaeformis and *Desmophyllum cristagalli*.
 IT Methods & Equipment
 carbon-14 accelerated mass spectrometry [**carbon-14 AMS**]:
dating method
 IT Miscellaneous Descriptors
 deep-sea ecology; food supply; isotopic disequilibrium; lifespans;
 radial growth patterns; seawater chemistry; temperature

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):5

L13 71 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI **RADIOCARBON DATING** OF IRISH SEA SEDIMENTS.
 IT Miscellaneous Descriptors
 RADIOACTIVE WASTE DISCHARGE SEDIMENTATION RATE **NUCLEAR FUEL**
 PLANT MIXING ZONE

L13 71 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Pyrolysis-combustion 14C dating of soil organic matter.
 IT Methods & Equipment
carbon-14 dating [**radiocarbon**
dating]: applied and field techniques; pyrolysis combustion:
 laboratory techniques
 IT Miscellaneous Descriptors
 biodegradation; glaciation; loess: glacial successions; soil
 residence time; terrestrial sediments

L13 71 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Accuracy of post-bomb cesium-137 and **carbon-14** in **dating**
 fluvial deposits.
 IT Miscellaneous Descriptors
 ABOVE-GROUND **NUCLEAR TEST**; FIELD METHOD; SEDIMENT

L13 71 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Ectomycorrhizal fungi introduced with exotic pine plantations induce soil
 carbon depletion.
 IT Miscellaneous Descriptors
 paramo grassland communities; soil carbon depletion

L13 71 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI IMMUNOCHEMICAL DETECTION AND CHARACTERIZATION OF OSTEOCALCIN FROM MOA
 BONE.
 IT Miscellaneous Descriptors
 PACHYORNIS-ELEPHANTOPUS MOLECULAR EVOLUTION **CARBON-14**
DATING RADIOIMMUNOASSAY NEW-ZEALAND

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> l12 dup rem

MISSING OPERATOR L12 DUP

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> dup rem

ENTER L# LIST OR (END):l12

PROCESSING COMPLETED FOR L12

L14 81 DUP REM L12 (7 DUPLICATES REMOVED)

=> dup rem

ENTER L# LIST OR (END):l13

PROCESSING COMPLETED FOR L13

L15 67 DUP REM L13 (4 DUPLICATES REMOVED)

=> s l13 and (cell(w)proliferation)

L16 0 L13 AND (CELL(W) PROLIFERATION)

=> s l13 and (neurogenesis or neur?)

L17 2 L13 AND (NEUROGENESIS OR NEUR?)

=> d scan

L17 2 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI 8000-YEAR-OLD BRAIN TISSUE FROM THE WINDOVER SITE FLORIDA USA ANATOMICAL
CELLULAR AND MOLECULAR ANALYSIS.

IT Miscellaneous Descriptors

HUMAN MITOCHONDRIAL DNA OSTEOLOGY CULTURAL MATERIAL
RADIOCARBON DATING HISTOLOGY POPULATION GENETICS
APPLICATION

NOT ALL FILES IN THE CURRENT ENVIRONMENT ALLOW THE USE OF SCAN
ALL ELIGIBLE ANSWERS HAVE BEEN SCANNED

=> d cost

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

CONNECT CHARGES

24.06

24.51

NETWORK CHARGES

2.22

2.46

DISPLAY CHARGES

1.70

1.70

FULL ESTIMATED COST

27.98

28.67

IN FILE 'BIOSIS, MEDLINE' AT 07:18:44 ON 02 DEC 2005

=> display ibib abs

ENTER (L17), L# OR ?:l17

ENTER ANSWER NUMBER OR RANGE (1):2

L17 ANSWER 2 OF 2

MEDLINE on STN

ACCESSION NUMBER: 2005355305 MEDLINE

DOCUMENT NUMBER: PubMed ID: 16009125

TITLE: Archeo-cell biology: carbon dating is
not just for pots and dinosaurs.

COMMENT: Comment on: Cell. 2005 Jul 15;122(1):133-43. PubMed ID:
16009139

AUTHOR: Arlotta Paola; Macklis Jeffrey D

CORPORATE SOURCE: MGH-HMS Center for Nervous System Repair, Department of
Neurosurgery, Program in Neuroscience, Harvard Medical
School, Massachusettes General Hospital, Boston,

SOURCE: Massachusetts 02114, USA.
 Cell, (2005 Jul 15) 122 (1) 4-6. Ref: 13
 Journal code: 0413066. ISSN: 0092-8674.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Commentary
 Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200508
 ENTRY DATE: Entered STN: 20050713
 Last Updated on STN: 20050823
 Entered Medline: 20050822

AB Defining the life span of specific human cell populations is limited by our inability to mark the exact time when cells are born in a way that can be detected over many years. In this issue of Cell, Spalding et al. (2005) describe a clever strategy for retrospectively birth dating human cells in vivo, based on their incorporation of ¹⁴C during a peak in atmospheric levels of this isotope resulting from above-ground nuclear arms testing in the 1950s.

=> d his

(FILE 'HOME' ENTERED AT 06:54:53 ON 02 DEC 2005)

FILE 'STNGUIDE' ENTERED AT 06:55:05 ON 02 DEC 2005

FILE 'HOME' ENTERED AT 06:55:09 ON 02 DEC 2005

FILE 'BIOSIS, MEDLINE' ENTERED AT 06:56:37 ON 02 DEC 2005

SET PLURALS ON PERM

L1 39045 S ?CARBON(4W) DATING OR RADIOCARBON OR CARBON(A) 14
 L2 12211341 S BIOMATERIAL# OR BIOLOGICAL(W) SAMPLE# OR TISSUE# OR CELL# OR O
 L3 5542 S L1 (S) L2
 L4 9329 S FLUORESCENCE(W) ACTIVATED(W) CELL(W) SORT?
 L5 1 S L4 AND L3
 L6 0 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? CO
 L7 701626 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? OR
 L8 128 S L3 AND L7
 L9 2553 S ?CARBON(4W) DATING OR RADIOCARBON(W) DATING
 L10 137977 S L9 AND L2
 L11 111 S L9 (S) L2
 L12 88 S L9 AND (DNA OR RNA OR ?NUCLE? OR NUCLEIC(W) ACID OR ?PEPTIDE
 L13 71 S L12 NOT ANCIENT
 L14 81 DUP REM L12 (7 DUPLICATES REMOVED)
 L15 67 DUP REM L13 (4 DUPLICATES REMOVED)
 L16 0 S L13 AND (CELL(W) PROLIFERATION)
 L17 2 S L13 AND (NEUROGENESIS OR NEUR?)

=> d scan l15

L15 67 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Dating of Rattus exulans and bird bone from Pleasant River (Otago, New
 Zealand): Radiocarbon anomalies from diet.
 IT Methods & Equipment
 radiocarbon dating: dating method
 IT Miscellaneous Descriptors
 diet

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L15 67 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI ORGANO MINERAL COMPLEXES AND THEIR STUDY BY RADIO CARBON

DATING.

- IT Miscellaneous Descriptors
ORGANIC CARBON CYCLING CULTIVATED SOILS/
- L15 67 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI **RADIOCARBON DATING OF IRISH SEA SEDIMENTS.**
- IT Miscellaneous Descriptors
RADIOACTIVE WASTE DISCHARGE SEDIMENTATION RATE **NUCLEAR FUEL**
PLANT MIXING ZONE
- L15 67 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Takaka Fossil Cave: A stratified Late Glacial to Late Holocene deposit
from Takaka Hill, New Zealand.
- IT Methods & Equipment
radiocarbon dating: laboratory techniques
- IT Miscellaneous Descriptors
paleoenvironment; pitfall trap
- L15 67 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI ACCURACY OF NORTH AMERICAN HUMAN SKELETON AGES.
- IT Miscellaneous Descriptors
MIGRATION ACCELERATOR MASS SPECTROMETRY **RADIOCARBON**
DATING HOLOCENE PLEISTOCENE; Fossil
- L15 67 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI New ages for human occupation and climatic change at Lake Mungo,
Australia.
- IT Methods & Equipment
radiocarbon dating: applied and field techniques;
stratigraphy: applied and field techniques
- IT Miscellaneous Descriptors
adaptation; chronology; climate; cremation; ritual ochre burial
- L15 67 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI A POSTGLACIAL HISTORY OF VEGETATION AND BOG FORMATION AT POINT ESCUMINAC
NEW BRUNSWICK.
- IT Miscellaneous Descriptors
JUNIPERUS PICEA ABIES FAGUS ANIMAL INVERTEBRATE POLLEN PEAT FRESHWATER
BIOSTRATIGRAPHY FOSSIL **RADIOCARBON DATING HOLOCENE**
CANADA; Fossil
- L15 67 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Dating recent peat deposits.
- IT Methods & Equipment
continuous dating method: applied and field techniques;
radiocarbon dating: applied and field techniques;
wiggle matching: applied and field techniques
- IT Miscellaneous Descriptors
cation exchange capacity; chrono-stratigraphic marker: fallout isotope;
depth-age relationship; isothermal remanence magnetism; moss increment;
ombrotrophic nature; peat deposit dating
- L15 67 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Archeo-cell biology: **Carbon dating** is not just for
pots and dinosaurs.
- IT Methods & Equipment
carbon-14 dating: laboratory techniques
- IT Miscellaneous Descriptors
life span; birth dating
- L15 67 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI **14C dating of tree falls on Barro Colorado Island (Panama): A new method**
to study tropical rain forest gap dynamics.
- IT Methods & Equipment
carbon-14 dating: dating method;

sk. Nov.
J. Tropical Ecology 1999
15; 723-735

statistical analysis: analytical method

IT Miscellaneous Descriptors
age structure; bomb peak; fallen trees; gap dynamics; tree death; tree rings; tropical forest: path mosaic; tropical rain forest dynamics

L15 67 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI High resolution carbon-14 dating of surface peat using the AMS technique.

IT Miscellaneous Descriptors
ACCELERATOR MASS SPECTROSCOPY; DENDROCHRONOLOGY; FALLOUT POLLUTION; METHOD; MOSS INCREMENT COUNTING; NUCLEAR BOMB TESTING; PEATLAND; POLLEN ANALYSIS; RADIOCARBON; RECENT; SOIL CARBON DIOXIDE; WETLANDS

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d scan

L17 2 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI 8000-YEAR-OLD BRAIN TISSUE FROM THE WINDOVER SITE FLORIDA USA ANATOMICAL CELLULAR AND MOLECULAR ANALYSIS.

IT Miscellaneous Descriptors
HUMAN MITOCHONDRIAL DNA OSTEOLOGY CULTURAL MATERIAL
RADIOCARBON DATING HISTOLOGY POPULATION GENETICS APPLICATION

NOT ALL FILES IN THE CURRENT ENVIRONMENT ALLOW THE USE OF SCAN
ALL ELIGIBLE ANSWERS HAVE BEEN SCANNED

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SET PLURALS ON PERM

L1 39045 S ?CARBON(4W)DATING OR RADIOCARBON OR CARBON(A)14
L2 12211341 S BIOMATERIAL# OR BIOLOGICAL(W)SAMPLE# OR TISSUE# OR CELL# OR O
L3 5542 S L1 (S) L2
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L5 1 S L4 AND L3
L6 0 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? CO
L7 701626 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? OR
L8 128 S L3 AND L7
L9 2553 S ?CARBON(4W)DATING OR RADIOCARBON(W)DATING
L10 137977 S 19 AND L2
L11 111 S L9 (S) L2
L12 88 S L9 AND (DNA OR RNA OR ?NUCLE? OR NUCLEIC(W)ACID OR ?PEPTIDE
L13 71 S L12 NOT ANCIENT
L14 81 DUP REM L12 (7 DUPLICATES REMOVED)
L15 67 DUP REM L13 (4 DUPLICATES REMOVED)
L16 0 S L13 AND (CELL(W)PROLIFERATION)
L17 2 S L13 AND (NEUROGENESIS OR NEUR?)

=> s l11 and bomb(w)pulse

L18 0 L11 AND BOMB(W) PULSE

=> s l11 and bomb(2w)pulse

L19 0 L11 AND BOMB(2W) PULSE

=> s ?carbon(4w)dating or radiocarbon(w)dating or carbon(w)14

L20 36697 ?CARBON(4W) DATING OR RADIOCARBON(W) DATING OR CARBON(W) 14

=> s l20 and bomb(w)pulse

L21 3 L20 AND BOMB(W) PULSE

=> d scan

L21 3 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

TI Predominant anthropogenic sources and rates of atmospheric mercury accumulation in southern Ontario recorded by peat cores from three bogs: Comparison with natural "background" values (past 8000 years).

IT Miscellaneous Descriptors

agricultural activities; agricultural region; biogeochemistry; biomass burning; bogs; bomb pulse curve; climatic change; land use history; mercury fluxes: natural variations; mercury/bromine ratios; peat cores; pre-anthropogenic period; pre-industrial times

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L21 3 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

TI Use of bomb pulse carbon-14 to age

senile plaques and neurofibrillary tangles in Alzheimer's disease.

Search this

IT Methods & Equipment

accelerator mass spectrometry: measurement method

IT Miscellaneous Descriptors

neurofibrillary tangles; senile plaques

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FILE 'HOME' ENTERED AT 06:55:09 ON 02 DEC 2005

FILE 'BIOSIS, MEDLINE' ENTERED AT 06:56:37 ON 02 DEC 2005

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L3 5542 S L1 (S) L2

L4 9329 S FLUORESCENCE(W) ACTIVATED(W) CELL(W) SORT?

L5 1 S L4 AND L3

L6 0 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? CO

L7 701626 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? OR

L8 128 S L3 AND L7

L9 2553 S ?CARBON(4W) DATING OR RADIOCARBON(W) DATING

L10 137977 S L9 AND L2

L11 111 S L9 (S) L2

L12 88 S L9 AND (DNA OR RNA OR ?NUCLE? OR NUCLEIC(W) ACID OR ?PEPTIDE

L13 71 S L12 NOT ANCIENT

L14 81 DUP REM L12 (7 DUPLICATES REMOVED)

L15 67 DUP REM L13 (4 DUPLICATES REMOVED)

L16 0 S L13 AND (CELL(W) PROLIFERATION)

L17 2 S L13 AND (NEUROGENESIS OR NEUR?)

L18 0 S L11 AND BOMB(W) PULSE

L19 0 S L11 AND BOMB(2W) PULSE

L20 36697 S ?CARBON(4W) DATING OR RADIOCARBON(W) DATING OR CARBON(W) 14

L21 3 S L20 AND BOMB(W) PULSE

=> d scan l11

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI CRO-MAGNON IN THE IRON GATE GORGE OF THE DANUBE.
IT Miscellaneous Descriptors
YUGOSLAVIA HUMAN ARCHAEOLOGY **BONES** RECENT AGE RADIO
CARBON DATING

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):111

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI NEW UPPER PLEISTOCENE HOMINIDS WITH NEANDERTHALOID AFFINITIES FROM
NORTHERN AND EASTERN GERMANY.
IT Miscellaneous Descriptors
ABSTRACT HOMO-SAPIENS-SAPIENS FRONTAL **BONES** HYBRIDIZATION
FEATURES COMPARATIVE MORPHOLOGY PYTHAGOREAN DISTANCE ANALYSIS RADIO
CARBON DATING AMINO-ACIDS; Fossil

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI RADIO **CARBON DATING** OF **BONE** BY ACCELERATOR
MASS SPECTROMETRY.
IT Miscellaneous Descriptors
IVORY TOOTH SAMPLE/

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI HUMAN FOSSILS FROM THE ENDEMIC ISLAND FAUNA OF SARDINIA ITALY.
IT Miscellaneous Descriptors
HOMO-SAPIENS MAXILLA TEMPORAL BONE

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI A NEW FIND OF A MAMMOTH ON CHUKOTSKII PENINSULA RUSSIAN SFSR USSR.
IT Miscellaneous Descriptors
PALYNOLOGICAL ANALYSIS **RADIOCARBON DATING**
SKIN MUSCLE CONNECTIVE **TISSUE**; Fossil

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TI ACCURACY OF NORTH AMERICAN HUMAN SKELETON AGES.
IT Miscellaneous Descriptors
MIGRATION ACCELERATOR MASS SPECTROMETRY **RADIOCARBON DATING** HOLOCENE
PLEISTOCENE; Fossil

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TI IDEOLOGY AND FORGERY THE DEVENTER BONES.
IT Miscellaneous Descriptors
BOVINE **BONE** ENGRAVINGS BRONZE AGE CAROLINGIAN STYLE
RADIOCARBON DATING

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TI The "Roman" skull of Arles. A post-Colombian frontal and nasopalatal
syphilis: Contribution of new C14 dating methods in paleopathology.
IT Methods & Equipment
radiocarbon dating: dating method
IT Miscellaneous Descriptors
Roman graveyard

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TI **Radiocarbon dating** caribou antler and **bone**:
Are they different?.
IT Methods & Equipment
archaeological radiocarbon dating: applied and field techniques

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TI THE ABSOLUTE DATING OF UPPER PLEISTOCENE SUBSAHARAN FOSSIL HOMINIDS AND
THEIR PLACE IN HUMAN EVOLUTION.
IT Miscellaneous Descriptors
HOMO-SAPIENS HOMO-SAPIENS-CAPENSIS HOMO-SAPIENS-RHODESIENSIS
HOMO-SAPIENS-AFER HOMO-SAPIENS-PALESTINUS HOMO-NEANDERTHALENSIS

HOMO-ERECTUS NEANDERTHAL MAN FAUNA AFRICA RHODESIA EUROPE MICRO
ANALYSIS DATING RADIO **CARBON DATING** AMINO-ACID
DATING RADIO CARBON COLLAGEN DATING
; Fossil

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TI RADIO CARBON DATING OF A CRO-MAGNON POPULATION FROM PADINA YUGOSLAVIA WITH
SOME GENERAL RECOMMENDATIONS FOR DATING HUMAN SKELETONS.

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TI **ORGANO MINERAL COMPLEXES AND THEIR STUDY BY RADIO CARBON
DATING.**

IT Miscellaneous Descriptors
ORGANIC CARBON CYCLING CULTIVATED SOILS/

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI THE PALEONTOLOGICAL AND PREHISTORIC SITE OF THE PADIRAC UNDERGROUND RIVER
R.-DE-JOLY TRIBUTARY MIERS LOT FRANCE MAIN CONSEQUENCES OF THE PADIRAC
EXPEDITION OF 1985.

IT Miscellaneous Descriptors
HUMAN BONE MOUSTERIAN STONE TOOL CARRIAGE DEPOSITION
RADIOCARBON DATING; Fossil

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TI THE UPPER CAVE AT ZHOUKOU DIAN CHINA AND THE ORIGINS OF THE MONGOLOIDS.

IT Miscellaneous Descriptors
HUMAN PEKING MAN OLD MAN ANIMAL BONE CRANIUM COMPARATIVE
MORPHOLOGY **CARBON-14 DATING** PLEISTOCENE HOLOCENE
MULTIVARIATE ANALYSIS BIOSTRATIGRAPHY ASIA CHINA AMERICA; Fossil

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TI EXCAVATIONS AT THE UREIA SITE AITUTAKI COOK ISLANDS SOUTH PACIFIC OCEAN
PRELIMINARY RESULTS.

IT Miscellaneous Descriptors
PORZANA-TABUENSIS DENDROCYGNA HUMAN COLONIZATION FISH **BONES**
MOLLUSKS STRATIGRAPHIC LAYERS **RADIOCARBON DATING**;
Fossil

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TI THE INCREASE OF TRACE-GAS CONCENTRATION IN THE ATMOSPHERE CAN WE AFFORD TO
IGNORE IT?.

IT Miscellaneous Descriptors
HUMAN SKIN CANCER DENDROCHRONOLOGY GLOBAL WARMING
RADIOCARBON DATING AIR POLLUTION CHLOROFLUOROCARBON
OZONE LAYER UV RADIATION

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TI Types and chemical composition of organic matter in reforested
lignite-rich mine soils.

IT Methods & Equipment
radiocarbon dating: radionuclide method; NMR: analytical method

IT Miscellaneous Descriptors
reforested lignite-rich mine soils

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TI Avifaunal extinctions, vegetation change, Polynesian impacts in
prehistoric Hawai'i.

IT Methods & Equipment
radiocarbon dating: dating method

IT Miscellaneous Descriptors
agriculture; archaeology; avifaunal extinctions; colonization; coring
research; habitat decline; habitat destruction; human impacts; human
settlement; landscape alteration; limestone reefs; lowland forests:
habitat; paleontology; prehistoric ecology; stratigraphy; vegetation
change; wetlands

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TI A REPORT ON EXCAVATIONS CARRIED OUT ON A TYPE R SETTLEMENT UNIT KHARTOUM 1
IN THE JACOBSDAL DISTRICT ORANGE-FREE-STATE.
IT Miscellaneous Descriptors
SOUTH AFRICA HUMAN OSTRICH EGG SHELLS FLORA FAUNA POTTERY METAL WORK
BONE OBJECTS GEOLOGY CULTURAL SYSTEM RADIO **CARBON**
DATING

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TI SOME PROBLEMS OF LATE WISCONSIN HISTORY AND GEO CHRONOLOGY IN SOUTHEASTERN
ONTARIO CANADA.
IT Miscellaneous Descriptors
MARINE SHELL WHALE **BONE** ALGAE PALYNOLOGY STRATIGRAPHY
SEDIMENTOLOGY RADIO **CARBON DATING**; Fossil

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TI MIDDLE HOLOCENE AGE OF THE SUNNYVALE HUMAN SKELETON.
IT Miscellaneous Descriptors
POSTCRANIAL **BONE** MORPHOLOGY **CARBON-14**
DATING ASPARTIC-ACID RACEMIZATION CALIFORNIA USA

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TI PRE-A.D. 1931 TECTONIC SUBSIDENCE OF AHURIRI LAGOON NAPIER HAWKE'S BAY
NEW-ZEALAND.
IT Miscellaneous Descriptors
MAORI HUMAN SKELETON PEAT WOOD SHELL EARTHQUAKE STRATIGRAPHY
RADIOCARBON DATING

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI A RE-EXAMINATION OF THE MOA GENUS MEGALAPTERYX.
IT Miscellaneous Descriptors
MEGALAPTERYX-DIDINUS MEGALAPTERYX-BENHAMI **BONE** COMPARATIVE
MORPHOLOGY TAXONOMY **CARBON-14 DATING** HOLOCENE
NELSON TAKAHE VALLEY FIORDLAND NEW ZEALAND

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TI DATING OYSTER SHELL AGE BY THE RATE OF DECOMPOSITION OF THE ORGANIC MATRIX.
IT Miscellaneous Descriptors
PREHISTORIC MIDDEN FREE AMINO ACID **PROTEIN** MATRIX
COMPARTMENTATION ARCHAEOLOGICAL SITE **CARBON-14 DATING**

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI STRATIGRAPHY OF THE COLORADO CREEK MAMMOTH LOCALITY ALASKA.
IT Miscellaneous Descriptors
CARNIVORE SCAVENGER **BONE** POLYCYCLIC TAPHONOMIC MODEL THAW
GULLY PALEOCLIMATE **RADIOCARBON DATING** SLOPE ASPECT
EASTERN BERINGIA USA; Fossil

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TI Recent barrier beach retreat in Georgia: Dating exhumed salt marshes by
aspartic acid racemization and post-bomb radiocarbon.
IT Methods & Equipment
radiocarbon dating: dating method
IT Miscellaneous Descriptors
barrier beach retreat; coastal erosion; overwash events; salt marsh
dynamics; thermonuclear bomb testing

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TI Fossil evidence for a diverse biota from Kaua'i and its transformation
since human arrival.
IT Methods & Equipment
radiocarbon dating: radionuclide method
IT Miscellaneous Descriptors
extinction

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 TI WARM MINERAL SPRINGS 1975 A MULTI DISCIPLINARY APPROACH TO A 10000 B.P.
 ARCHAEOLOGICAL SITE.
 IT Miscellaneous Descriptors
 ABSTRACT FLORIDA USA HUMAN CARBON-14 DATING
 BONES ARTIFACTS BEHAVIOR ENVIRONMENT

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI A TRIPLE INHUMATION FROM THE BRONZE AGE AT LA-GOURGUE-D'ASQUE
 HAUTES-PYRENEES FRANCE.
 IT Miscellaneous Descriptors
 SKELETON BONE PATHOLOGY RADIO CARBON DATING
 POTTERY

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI EARLY PREHISTORIC KILLING OF BIGHORN SHEEP OVIS-CANADENSIS IN THE
 SOUTHEASTERN CANADIAN ROCKIES.
 IT Miscellaneous Descriptors
 BONE REMAINS PATTERN DIS ARTICULATION BUTCHERY HUNTING RADIO
 CARBON DATING HOLOCENE ALBERTA CANADA

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 TI DETECTION LIMITS FOR AMINO-ACIDS IN ENVIRONMENTAL SAMPLES.
 IT Miscellaneous Descriptors
 ABSTRACT GEOLOGICAL SAMPLES LUNAR SAMPLES METEORITES FOSSIL
 BONE SHELL NON-PROTEIN AMINO-ACIDS D AMINO-ACIDS
 STABLE ISOTOPE RATIOS RADIOCARBON DATING

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 TI THE COLONIZATION OF NEW ZEALAND BY THE POLYNESIANS.
 IT Miscellaneous Descriptors
 ABORIGINE POPULATION GROWTH DISPERSAL ARCHAEOLOGICAL SITE CHARCOAL
 BONE COLLAGEN MARINE SHELL RADIOCARBON
 DATING STATISTICAL ANALYSIS AUSTRALIA AMERICA BAY OF PLENTY
 KAIKOURA PENINSULA

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 TI THE SHELTON MASTODON SITE MULTIDISCIPLINARY STUDY OF A LATE PLEISTOCENE
 TWCREEKAN LOCALITY IN SOUTHEASTERN MICHIGAN USA.
 IT Miscellaneous Descriptors
 ESOX-LUCIUS PERCA-FLAVESCENS RANA-CATESBEIANA RANA-CLAMITANS
 MELEAGRIS-GALLOPAVO MICROTUS-PENNSYLVANICUS ONDATRA-ZIBETHICUS
 CASTOR-CANADENSIS CANIS-SP ALCES-ALCES CERVALCES-SCOTTI
 MAMMUT-AMERICANUM DIATOM SEDGE GRASS MOLLUSK CONIFER SPRUCE PINE ALGAE
 PLANT INVERTEBRATE WOOD DENTITION BONE HABITAT PREFERENCE
 DEPOSITIONAL ENVIRONMENT PALEOECOLOGY RADIOCARBON
 DATING BIOSTRATIGRAPHY HOLOCENE; Fossil

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 TI 8000-YEAR-OLD BRAIN TISSUE FROM THE WINDOVER SITE FLORIDA USA ANATOMICAL
 CELLULAR AND MOLECULAR ANALYSIS.
 IT Miscellaneous Descriptors
 HUMAN MITOCHONDRIAL DNA OSTEOLOGY CULTURAL MATERIAL
 RADIOCARBON DATING HISTOLOGY POPULATION GENETICS
 APPLICATION

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 TI Analysis of soil organic matter dynamics using carbon isotopes. N2
 IT Methods & Equipment
 carbon isotope methods: isotope method
 IT Miscellaneous Descriptors
 carbon isotope ratios; soil organic matter dynamics

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TI Ectomycorrhizal fungi introduced with exotic pine plantations induce soil carbon depletion.
 IT Miscellaneous Descriptors
 paramo grassland communities; soil carbon depletion

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 TI A new approach for assessing the preservation state of bone and collagen for isotopic analysis (radiocarbon dating, carbon and nitrogen stable isotopes).
 Original Title: Une nouvelle approche pour evaluer l'etat de conservation de l'os et du collagene pour les mesures isotopiques (datation au radiocarbone, isotopes stables du carbone et de l'azote).
 IT Methods & Equipment
 radiocarbon dating: laboratory techniques; elemental analysis: laboratory techniques; accelerator mass spectrometry: laboratory techniques, spectrum analysis techniques; isotopic analysis: laboratory techniques

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 TI THE RESULTS OF 3 SEASONS EXCAVATIONS HUDSON-MENG PALEO INDIAN BISON KILL SIOUX COUNTY NEBRASKA.
 IT Miscellaneous Descriptors
 ABSTRACT USA HUMAN RECENT RADIO CARBON DATING
 BONE APATITE BUTCHERING POPULATION DYNAMICS

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 TI THE MANIS MASTODON SITE 45-CA-218 A PRELIMINARY APPRAISAL.
 IT Miscellaneous Descriptors
 ABSTRACT MASTODON MAN SHRUB TUNDRA BISON CATTAIL WASHINGTON USA
 BONES RADIO CARBON DATING; Fossil

L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI GROUND WATER AGE DISTRIBUTION IN MADRID BASIN SPAIN.
 IT Miscellaneous Descriptors
 ALLUVIAL DEPOSIT AQUIFER SYSTEM MIXING CELL MODEL STREAM
 PRECIPITATION TEMPERATURE CARBON-14 DATING

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 TI PROBOSCIDEAN ORIGINS OF MASTODON MAMMUT-AMERICANUM AND WOOLLY MAMMOTH MAMMUTHUS-PRIMIGENIUS DEMONSTRATED IMMUNOLOGICALLY.
 IT Miscellaneous Descriptors
 ELEPHAS-MAXIMUS LOXODONTA-AFRICANA BONE MUSCLE PROTEIN; Fossil

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 TI PREFERENTIAL PRESERVATION OF NONCOLLAGENOUS PROTEIN DURING BONE DIAGENESIS IMPLICATIONS FOR CHRONOMETRIC AND STABLE ISOTOPIC MEASUREMENTS.
 IT Miscellaneous Descriptors
 HUMAN DENTIN PALEODIET RACEMIZATION RATE UPPER PLEISTOCENE RADIOCARBON DATING ASPARTIC ACID RATIO CARBON TO NITROGEN RATIO PHOSPHOPROTEIN USA

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 TI THE ORIGIN OF ALKANES FOUND IN HUMAN SKIN SURFACE LIPIDS.
 IT Miscellaneous Descriptors
 CERUMEN PETROLATUM PETROLEUM DISTILLATION FRACTION ENVIRONMENTAL CONTAMINANT

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 TI BOMB CARBON.
 IT Miscellaneous Descriptors
 REVIEW CARBON-14 CARBON DATING
 THERMONUCLEAR BOMB

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 TI Bone collagen diagenesis at Roonka Flat, South Australia: Implications for isotopic analysis.

IT Miscellaneous Descriptors
ADULT; ANALYTICAL METHOD; BONE; CARBON; COLLAGEN; DIAGENESIS; ISOTOPIC ANALYSIS; NITROGEN; ROONKA FLAT; SKELETAL MATURITY; SKELETAL SYSTEM; SKELETON; SUBADULT

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TI The Krems-Hundssteig "Gravettian" human remains are Holocene.
IT Methods & Equipment
bone radiocarbon dating: assessment
method

IT Miscellaneous Descriptors
appendicular remains

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TI Archeo-cell biology: Carbon dating is not
just for pots and dinosaurs.
IT Methods & Equipment
carbon-14 dating: laboratory techniques

IT Miscellaneous Descriptors
life span; birth dating

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TI NEW METHOD OF **COLLAGEN** EXTRACTION FOR RADIO **CARBON**
DATING.
IT Miscellaneous Descriptors
NOTE

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TI MINERALOGICAL STUDIES ON **BONE** APATITE AND THEIR IMPLICATIONS FOR
RADIO **CARBON DATING**.
IT Miscellaneous Descriptors
IR SPECTROPHOTOMETRY X-RAY DIFFRACTION FOSSIL; Fossil

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TI THE INCIDENCE OF PALEO PATHOLOGICAL OCCURRENCES IN THE SKELETAL SERIES
FROM NON-NOK-THA THAILAND.
IT Miscellaneous Descriptors
ABSTRACT DENTITION **BONE** TRAUMA DEVELOPMENT ARCHAEOLOGIC SITE
RADIO **CARBON DATING**

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TI STRATIGRAPHY AND **RADIOCARBON DATING** OF WOOD CARBON
BONES AND SHELLS IN THE CAVE OF POEYMAU-ET-ARUDY
PYRENEES-ATLANTIQUES FRANCE.

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TI CALIFORNIA CONDOR ASSOCIATED WITH SPRUCE-JACK PINE WOODLAND IN THE LATE
PLEISTOCENE OF NEW YORK USA.
IT Miscellaneous Descriptors
GYMNOGYPS-CALIFORNIANUS MASTODONT WAPITI CARIBOU POLLEN **BONES**
FOOD AVAILABILITY GEOGRAPHIC RANGE PALEOCLIMATE PALEOECOLOGY
RADIOCARBON DATING; Fossil

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TI LATE PLEISTOCENE PALEOECOLOGY AND ARCHAEOLOGY IN THE SOUTHERN CAPE SOUTH
AFRICA.
IT Miscellaneous Descriptors
HUMAN ANATOMICALLY MODERN PEOPLE BEHAVIOR **DNA** POLYMORPHISM
POPULATION GENETICS **RADIOCARBON DATING**

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TI HOLOCENE SHORELINE DISPLACEMENT AT AGARDHBUKTA EASTERN SPITSBERGEN
SVALBARD ARCTIC OCEAN.
IT Miscellaneous Descriptors
MOSS MOLLUSK DRIFTWOOD WHALE **BONE** BEACH SEDIMENT DELTA

DEPOSIT MARINE TRANSGRESSION **RADIOCARBON DATING**;
Fossil

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TI Formation of abandoned penguin rookery ecosystems in the maritime Antarctic.
IT Miscellaneous Descriptors
ABANDONED PENGUIN ROOKERY; CHRONOLOGY; ECOSYSTEM FORMATION;
GLACIO-ISOSTATIC LAND UPLIFT; SOIL FORMATION; TERRESTRIAL ECOLOGY;
VEGETATION SUCCESSION
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TI On the reliability of archaeological rat **bone** for **radiocarbon dating** in New Zealand.
IT Methods & Equipment
radiocarbon dating: dating method
IT Miscellaneous Descriptors
archaeology; methodology
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TI Native Seychelles tortoises or Aldabran imports? The importance of **radiocarbon dating** for ancient DNA studies.
IT Methods & Equipment
radiocarbon dating: laboratory techniques
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TI CHEMICAL RELATIONS BETWEEN PHENOLIC AND NITROGENOUS COMPOUNDS IN PLANTS SOME BIOLOGICAL IMPLICATIONS.
IT Miscellaneous Descriptors
ABSTRACT RUTACEAE-D QUINONES **PROTEINS TANNINS SOILS**
CARBON-14 DATING EVOLUTION CHEMICAL DEFENSES
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI PALEO ANTHROPOLOGY CHRONOLOGY AND ARCHAEOLOGY OF THE MATJES RIVER ROCK SHELTER.
IT Miscellaneous Descriptors
SUBSAHARAN AFRICAN HOMO-SAPIENS-AFER HOMINIDS FAUNA SHELL CHARCOAL
PLEISTOCENE BONES COLLAGEN EXTRACTION METHOD RADIO CARBON DATES
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI RADIO CARBON DATING OF FOSSIL BONE APATITE.
IT Miscellaneous Descriptors
ABSTRACT AUSTRALIA; Fossil
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN 20
TI ISOLATION AND CHARACTERIZATION OF DNA FROM TISSUE OF THE WOOLLY MAMMOTH MAMMUTHUS-PRIMIGENIUS.
IT Miscellaneous Descriptors
ASIAN ELEPHANT **RADIOCARBON DATING CHROMATOGRAPHY**
NUCLEIC-ACID HYBRIDIZATION THERMAL DENATURATION ANALYSIS
HOMOLOGY; Fossil
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TI SPONTANEOUS RACEMIZATION A TRUSTWORTHY CLOCK FOR ABSOLUTE DATING OF FOSSIL BONES.
IT Miscellaneous Descriptors
AMINO ACIDS OF **COLLAGEN RADIOCARBON DATING**
; Fossil
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TI LATE PLEISTOCENE FISSURE SEDIMENTS AND THEIR MAMMALIAN FAUNA AT SITE 5 OF YAGE QUARRY INASA SHIZUOKA PREFECTURE CENTRAL JAPAN.
IT Miscellaneous Descriptors
ANOUROSOREX-JAPONICUS MICROTUS-BRANDTIOIDES URSUS-ARCTOS **BONE**
VEGETATION COMPOSITION CLIMATE **CARBON 14 DATING**

BIOSTRATIGRAPHY HONSHU; Fossil

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TI POSSIBLE USE OF WOLF CANIS-LUPUS DEN OVER SEVERAL CENTURIES.
IT Miscellaneous Descriptors
NOTE BONE RADIOCARBON DATING NORTHWEST
TERRITORIES CANADA
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TI Subfossil evidence of strandings of the sperm whale *Physeter macrocephalus*
in Gulf St Vincent, South Australia.
IT Miscellaneous Descriptors
ANALYTICAL METHOD; BEHAVIOR; CARBON-DATING; COASTAL SEDIMENT;
COMPARATIVE STRATIGRAPHY; DENTAL AND ORAL SYSTEM; DENTITION;
DESCRIPTION; GULF ST. VINCENT; MARINE ECOLOGY; SKELETAL SYSTEM; SKULL;
STRANDING
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Appraisal of **radiocarbon dating** of kiore bones
(Pacific rat *Rattus exulans*) in New Zealand.
IT Methods & Equipment
radiocarbon dating: dating method
IT Miscellaneous Descriptors
archaeology; methodology
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TI Close genetic relationship of early Neolithic cattle from Ziegelberg
(Freising, Germany) with modern breeds.
IT Methods & Equipment
nested PCR [nested polymerase chain reaction]: genetic techniques,
laboratory techniques; radiocarbon dating: laboratory techniques;
touchdown PCR [touchdown polymerase chain reaction]: genetic
techniques, laboratory techniques
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TI ANIMAL REMAINS FROM LEPENSKI VIR.
IT Miscellaneous Descriptors
CARPATHIANS ROMANIA YUGOSLAVIA CATTLE CATFISH FISH RED DEER DOG PIG
SHEEP GOAT SKULL **BONES RADIO CARBON DATING**
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TI ARCHAEOLOGICAL SITES IN THE LABRADOR UNGAVA PENINSULA CANADA CULTURAL
ORIGIN AND CLIMATIC SIGNIFICANCE.
IT Miscellaneous Descriptors
RHIZOCARPON-GEOGRAPHICUM SPHAGNUM SALIX-SPP BETULA-SPP RUBUS-IDAEUS
VIBURNUM-EDULE RIBES-GRANULOSUM EMPETRUM ODOBENUS-ROSMARUS RANGIFER-SP
ERITHIZON-DORSATUM LEPUS-ARCTICUS CERVUS-CANADENSIS PHOCA-SPP
DELPHINAPTERUS-LEUCAS MONODON-MONOCEROS BIRDS FOXES BEARS HUMAN QUEBEC
ESKIMO EUROPEAN
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TI A RADIOLOGICAL AND HISTOLOGICAL INVESTIGATION INTO THE MUMMIFICATION OF
CATS FROM ANCIENT EGYPT.
IT Miscellaneous Descriptors
FELIS-CHAUS FELIS-SILVESTRIS-LIBYCA FELIS-BUBASTIS AGE AT DEATH
SKIN HAIR RADIO CARBON DATING ELECTRON
MICROSCOPY BRITISH MUSEUM OF NATURAL HISTORY UK
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TI A LATE PLEISTOCENE MAMMALIAN FAUNA FROM CUEVA-QUEBRADA VAL-VERDE COUNTY
TEXAS USA.
IT Miscellaneous Descriptors
SPILOGALE-SP MEPHITIS-MEPHITIS CANIS-SP UROCYON-CINEREOARGENTEUS
BASARISCUS-AUSTUTUS ARCTODUS-SIMUS AMMOSPERMOPHILUS-INTERPRES
THOMOMYS-BOTTAE PAPPOGEOMYS-CASTANOPS PEROGNATHUS-SP BAIOMYS-TAYLORI

ONYCHOMYS-LEUCOGASTER PEROMYSCUS-SP NEOTOMA-SP SYLVILAGUS-SP
 LEPUS-CALIFORNICUS EQUUS-SCOTTI EQUUS-FRANCISCI CAMELOPS-SP
 NAVAJO CEROS-FRICKI STOCKOCEROS-SP BISON-SP CHIROPTERAN HUMAN ACTIVITY
 CARNIVORE ACTIVITY **BONE** DAMAGE PALEOCLIMATE
RADIOCARBON DATING; Fossil

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 TI ON THE HOLOCENE HISTORY OF SMALL MAMMALS POPULATIONS IN MONGOLIAN DESERT
 STEPPES.
 IT Miscellaneous Descriptors
 FAUNISTIC ANALYSIS DESERTIFICATION ECOLOGY RADIOCARBON DATING
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI A LIMITING AMS DATE FOR THE CODY COMPLEX OCCUPATION AT THE FLETCHER SITE
 ALBERTA CANADA.
 IT Miscellaneous Descriptors
 HUMAN PLANT INVERTEBRATE **BONE** RADIO CARBON
 DATING BIOSTRATIGRAPHY ACCELERATOR MASS SPECTROMETRY; Fossil
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI REMNANTS OF THE EARLIEST HUMAN INVASION AT BELLSUND SVALBARD ARCTIC OCEAN.
 IT Miscellaneous Descriptors
 WALRUS **BONE** WHALEBONE FRAGMENT PALYNOLOGY ARCHAEOLOGY
 RADIOCARBON DATING
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Fossil bones of Hooker's sea lions in New Zealand caves.
 IT Miscellaneous Descriptors
 MALE; RADIOCARBON DATING; Fossil
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Radiocarbon dating fish bone from the
 Houhora archaeological site, New Zealand.
 IT Methods & Equipment
 radiocarbon dating: dating method
 IT Miscellaneous Descriptors
 archaeological deposits; bone gelatin [carbon-14] determinations;
 fishing
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Evaluation of the domestication process in Serbia - Domestication of
 neolithic cattle.
 IT Methods & Equipment
 radiocarbon dating: laboratory techniques
 IT Miscellaneous Descriptors
 domestication process; neolithic settlement
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI RADIO CARBON DATING OF PETROLEUM IMPREGNATED
BONE FROM TAR PITS AT RANCHO LA-BREA CALIFORNIA USA.
 IT Miscellaneous Descriptors
 FOSSIL INST LIQUID CHROMATOGRAPHY AMINO-ACIDS
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI EXCAVATIONS IN THE DWARF ELEPHANT CAVE CHARKADIO ON THE ISLAND OF TILOS
 DODEKANESOS GREECE.
 IT Miscellaneous Descriptors
 PALAEOLOXODON-ANTIQUUS-FALCONERI PALAEOLOXODON-ANTIQUUS-MNAIDRIENSIS
 HUMAN TEETH **BONES** UPPER PLEISTOCENE NEOLITHIC SEDIMENT RADIO
 CARBON DATING NOMENCLATURE; Fossil
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI THE VORE SITE 48CK-302 A STRATIFIED BUFFALO JUMP IN THE WYOMING BLACK
 HILLS USA.
 IT Miscellaneous Descriptors

BISON ETHNIC AFFILIATION **BONE** MIDDEN ADAPTATION TREE RING
 SERIES SHORT GRASS ECOSYSTEM GEOGRAPHY SEDIMENTOLOGY LITHOLOGY CLIMATE
 SELECTIVE PRESSURE RADIO **CARBON DATING**

- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI A SEARCH FOR EVIDENCE OF A REMOTE HUMAN PAST IN AFRICA.
 IT Miscellaneous Descriptors
 HOMO-HABILIS HOMO-ERECTUS APE MONKEY DENTITION **BONE**
 COMPARATIVE MORPHOLOGY OLIGOCENE **RADIOCARBON DATING**
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI SITE CONDITIONS AND TREE GROWTH OF CENTRAL AMAZONIAN INUNDATION FORESTS
 BRAZIL.
 IT Miscellaneous Descriptors
 ALDINA-LATIFOLIA PSEUDOBOMBAX-MUNGUBA GROWTH ANNUAL RINGS **RADIOCARBON**
DATING
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI ISOTOPIC EVIDENCE FOR DIETARY DIFFERENCES BETWEEN TWO EXTINCT BABOON
 SPECIES FROM SWARTKRANS SOUTH AFRICA.
 IT Miscellaneous Descriptors
 PAPIO-ROBINSONI THEROPITHECUS-DARTI TOOTH **ENAMEL** GRAZING
 BROWSING **CARBON DATING** PLEISTOCENE SOUTH AFRICA;
 Fossil
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI LATE QUATERNARY MAMMALIAN FAUNAS AT SUSE QUARRY TOYOHASHI CENTRAL JAPAN
 AND THEIR IMPLICATIONS FOR THE RECONSTRUCTION OF THE FAUNAL SUCCESSION.
 IT Miscellaneous Descriptors
 CERVUS-PRAENIPPONICUS ANOUROSOREX-JAPONICUS MICROTUS-BRANDTIOIDES
 URSUS-ARCTOS WILD BOAR **BONE** PLEISTOCENE HOLOCENE
 BIOSTRATIGRAPHY FLUORINE ANALYSIS **CARBON-14 DATING**;
 Fossil
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI PALAEOLOMA-MIRIFICA FROM THE CENTRAL MISSISSIPPI RIVER VALLEY
 PALEOECOLOGICAL AND EVOLUTIONARY IMPLICATIONS.
 IT Miscellaneous Descriptors
 ABSTRACT MACROBOTANICAL SPECIMEN DENTAL WEAR DECIDUOUS WOODLAND HABITAT
 TAPHONOMY **BONE** AMINO ACID FRACTION RADIO **CARBON**
DATING PLEISTOCENE MISSOURI USA; Fossil
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Differential reliability of 14C AMS ages of Rattus exulans bone gelatin in
 south Pacific prehistory.
 IT Methods & Equipment
 carbon-14 AMS dating [carbon-14 accelerated mass spectrometry dating]:
 dating method
 IT Miscellaneous Descriptors
 archaeology; colonization; differential dietary effects; human
 colonization; paleoenvironment; prehistory
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI Current perspectives of 14C-isotope measurement in biomedical accelerator
 mass spectrometry.
 IT Methods & Equipment
 accelerator mass spectrometry [AMS]: laboratory techniques, spectrum
 analysis techniques; biomedical accelerator mass spectrometry:
 laboratory techniques, spectrum analysis techniques; carbon-14 isotope
 measurement: laboratory techniques
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 TI RANCHO-LA-BREA FOSSIL DEPOSITS A REEVALUATION FROM STRATIGRAPHIC AND
 GEOLOGICAL EVIDENCE.
 IT Miscellaneous Descriptors

VERTEBRATE CALIFORNIA USA SKELETON **BONE** PLEISTOCENE
PALOS-VERDES SAND STRATIGRAPHY **CARBON-14 DATING**;
Fossil

- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI THE BROWN LEMMING LEMMUS-SIBIRICUS RODENTIA ARVICOLIDAE IN THE LATE
PLEISTOCENE OF ALBERTA CANADA AND ITS POSTGLACIAL DISPERSAL.
IT Miscellaneous Descriptors
MAMMAL **BONE** TEETH RELICT POPULATION JANUARY CAVE
BRITISH-COLUMBIA YUKON-TERRITORY THERMO LUMINESCENCE RADIO
CARBON DATING; Fossil
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI BISON REMAINS FROM A LAKE AGASSIZ SPIT COMPLEX IN THE SWAN RIVER VALLEY
MANITOBA CANADA DEPOSITIONAL ENVIRONMENT AND PALEO ECOLOGICAL
IMPLICATIONS.
IT Miscellaneous Descriptors
PALEO INDIAN OCCUPATION **BONE** SAMPLE GEO MORPHOLOGY RADIO
CARBON DATING HOLOCENE PLEISTOCENE/; Fossil
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI RADIOCARBON DATES ON BONES OF EXTINCT BIRDS FROM HAWAII USA.
IT Miscellaneous Descriptors
VERTEBRATE HUMAN SETTLEMENT ARCHAEOZOOLOGY AMINO ACID ANALYSIS
CHRONOLOGY SEDIMENTATION RATE HOLOCENE TANDEM PARTICLE ACCELERATOR-MASS
SPECTROMETER
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI EARLY NEOLITHIC ORGANIC REMAINS FROM NAHAL HEMAR CAVE ISRAEL.
IT Miscellaneous Descriptors
HUMAN SKULL FLORA AND FAUNA MARINE SHELL **BONE** FIGURINE STONE
MASK HEADDRESS WOODEN ARTIFACT RITUAL OBJECT FABRIC BASKET CONTAINER
MAT **RADIOCARBON DATING** TEMPERATURE HUMIDITY JERICHO
AIN GHAZAL ABU HUREIRA
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI MAJOR LOW LEVELS OF LAKE MALAWI AFRICA AND THEIR IMPLICATIONS FOR
SPECIATION RATES IN CICHLID FISHES.
IT Miscellaneous Descriptors
MELOSIRA-NYASSENSIS 200 SPECIES **CARBON-14 DATING**
LEAD-210 HYDROLOGIC MODEL MBUNA MITOCHONDRIAL **DNA**
DIFFERENTIATION EVOLUTION SELECTION PRESSURE
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI **RADIOCARBON DATING** OF **BONE** TO
COLLAGEN AND BEYOND.
IT Miscellaneous Descriptors
HUMAN **CARBON-14** ARCHAEOLOGY PALEOANTHROPOLOGY METHOD
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI **Bone** diagenesis and **radiocarbon dating** of
fish **bones** at the Shag River Mouth site, New Zealand.
IT Methods & Equipment
radiocarbon dating [carbon-14 dating]: dating method
IT Miscellaneous Descriptors
archaeology; post-depositional contamination; prehistory
- L11 111 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI The potential significance of dietary offsets for the interpretation of
radiocarbon dates: An archaeologically significant example from medieval
Norwich.
IT Methods & Equipment
radiocarbon dating: applied and field techniques
IT Miscellaneous Descriptors
Medieval period; dietary offsets

NOT ALL FILES IN THE CURRENT ENVIRONMENT ALLOW THE USE OF SCAN
ALL ELIGIBLE ANSWERS HAVE BEEN SCANNED

=> file biotechno
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
41.04	41.73

FULL ESTIMATED COST

FILE 'BIOTECHNO' ENTERED AT 07:27:29 ON 02 DEC 2005
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FILE LAST UPDATED: 7 JAN 2004 <20040107/UP>
FILE COVERS 1980 TO 2003.

>>> BIOTECHNO IS NO LONGER BEING UPDATED AS OF 2004 <<<

>>> SIMULTANEOUS LEFT AND RIGHT TRUNCATION AVAILABLE IN
/CT AND BASIC INDEX <<<

=> d his

(FILE 'HOME' ENTERED AT 06:54:53 ON 02 DEC 2005)

FILE 'STNGUIDE' ENTERED AT 06:55:05 ON 02 DEC 2005

FILE 'HOME' ENTERED AT 06:55:09 ON 02 DEC 2005

FILE 'BIOSIS, MEDLINE' ENTERED AT 06:56:37 ON 02 DEC 2005

SET PLURALS ON PERM

L1 39045 S ?CARBON(4W) DATING OR RADIOCARBON OR CARBON(A) 14
L2 12211341 S BIOMATERIAL# OR BIOLOGICAL(W) SAMPLE# OR TISSUE# OR CELL# OR O
L3 5542 S L1 (S) L2
L4 9329 S FLUORESCENCE(W) ACTIVATED(W) CELL(W) SORT?
L5 1 S L4 AND L3
L6 0 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? CO
L7 701626 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? OR
L8 128 S L3 AND L7
L9 2553 S ?CARBON(4W) DATING OR RADIOCARBON(W) DATING
L10 137977 S 19 AND L2
L11 111 S L9 (S) L2
L12 88 S L9 AND (DNA OR RNA OR ?NUCLE? OR NUCLEIC(W) ACID OR ?PEPTIDE
L13 71 S L12 NOT ANCIENT
L14 81 DUP REM L12 (7 DUPLICATES REMOVED)
L15 67 DUP REM L13 (4 DUPLICATES REMOVED)
L16 0 S L13 AND (CELL(W) PROLIFERATION)
L17 2 S L13 AND (NEUROGENESIS OR NEUR?)
L18 0 S L11 AND BOMB(W) PULSE
L19 0 S L11 AND BOMB(2W) PULSE
L20 36697 S ?CARBON(4W) DATING OR RADIOCARBON(W) DATING OR CARBON(W) 14
L21 3 S L20 AND BOMB(W) PULSE

FILE 'BIOTECHNO' ENTERED AT 07:27:29 ON 02 DEC 2005

=> s l12

44982 ?CARBON
508 DATING
14 DATINGS
516 DATING
(DATING OR DATINGS)
24 ?CARBON(4W) DATING
114 RADIOCARBON
508 DATING
14 DATINGS

516 DATING
 (DATING OR DATINGS)
 18 RADIOCARBON(W) DATING
 388151 DNA
 8094 DNAS
 389188 DNA
 (DNA OR DNAS)
 202294 RNA
 11734 RNAS
 203565 RNA
 (RNA OR RNAS)
 399091 ?NUCLE?
 19939 NUCLEIC
 349810 ACID
 77687 ACIDS
 371871 ACID
 (ACID OR ACIDS)
 19837 NUCLEIC(W) ACID
 132044 ?PEPTIDE
 623255 PROTEIN
 203322 PROTEINS
 653180 PROTEIN
 (PROTEIN OR PROTEINS)
 L22 5 L9 AND (DNA OR RNA OR ?NUCLE? OR NUCLEIC(W) ACID OR ?PEPTIDE
 OR PROTEIN)

=>

=> d scan

L22 5 ANSWERS BIOTECHNO COPYRIGHT 2005 Elsevier Science B.V. on STN
 TI Life span and biomass allocation of stunted black spruce clones in the
 subarctic environment
 CT *lifespan; *biomass; *Picea mariana; clone; plant growth;
radiocarbon dating; plant age; random amplified
 polymorphic **DNA**

maybe

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):4

L22 5 ANSWERS BIOTECHNO COPYRIGHT 2005 Elsevier Science B.V. on STN
 TI Detection of mycobacterial **DNA** in andean mummies
 CT *gene identification; *paleopathology; *bacterial **DNA**;
 Mycobacterium tuberculosis; **DNA** extraction; polymerase chain
 reaction; human; nonhuman; human tissue; article; priority journal;
 carbon 14

No good

L22 5 ANSWERS BIOTECHNO COPYRIGHT 2005 Elsevier Science B.V. on STN
 TI Methods for the study of ancient hair: Radiocarbon dates and gene
 sequences from individual hairs
 CT *hair; ***radiocarbon dating**; *methodology; molecular
 analysis; **DNA** screening; age; mitochondrial **DNA**;
 carbon 14; Ovis canadensis; cave; United States

No good

L22 5 ANSWERS BIOTECHNO COPYRIGHT 2005 Elsevier Science B.V. on STN
 TI Biomedical applications of accelerator mass spectrometry-isotope
 measurements at the level of the atom
 CT *mass spectrometry; isotope; drug metabolism

L22 5 ANSWERS BIOTECHNO COPYRIGHT 2005 Elsevier Science B.V. on STN
 TI Ectomycorrhizal fungi introduced with exotic pine plantations induce soil
 carbon depletion
 CT *ectomycorrhiza; *carbon utilization; *Pinus radiata; atmospheric
 deposition; grassland; Ecuador; microbial activity; carbon; concentration
 (parameters); soil and soil related phenomena

ALL ANSWERS HAVE BEEN SCANNED

=> file georef
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
4.17	45.90

FULL ESTIMATED COST

FILE 'GEOREF' ENTERED AT 07:29:18 ON 02 DEC 2005
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FILE COVERS 1785 TO DATE. LAST UPDATE: 21 NOV 2005 (20051121/ED)

=> d his

(FILE 'HOME' ENTERED AT 06:54:53 ON 02 DEC 2005)

FILE 'STNGUIDE' ENTERED AT 06:55:05 ON 02 DEC 2005

FILE 'HOME' ENTERED AT 06:55:09 ON 02 DEC 2005

FILE 'BIOSIS, MEDLINE' ENTERED AT 06:56:37 ON 02 DEC 2005
SET PLURALS ON PERM

L1 39045 S ?CARBON(4W) DATING OR RADIOCARBON OR CARBON(A) 14
L2 12211341 S BIOMATERIAL# OR BIOLOGICAL(W) SAMPLE# OR TISSUE# OR CELL# OR O
L3 5542 S L1 (S) L2
L4 9329 S FLUORESCENCE(W) ACTIVATED(W) CELL(W) SORT?
L5 1 S L4 AND L3
L6 0 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? CO
L7 701626 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? OR
L8 128 S L3 AND L7
L9 2553 S ?CARBON(4W) DATING OR RADIOCARBON(W) DATING
L10 137977 S L9 AND L2
L11 111 S L9 (S) L2
L12 88 S L9 AND (DNA OR RNA OR ?NUCLE? OR NUCLEIC(W) ACID OR ?PEPTIDE
L13 71 S L12 NOT ANCIENT
L14 81 DUP REM L12 (7 DUPLICATES REMOVED)
L15 67 DUP REM L13 (4 DUPLICATES REMOVED)
L16 0 S L13 AND (CELL(W) PROLIFERATION)
L17 2 S L13 AND (NEUROGENESIS OR NEUR?)
L18 0 S L11 AND BOMB(W) PULSE
L19 0 S L11 AND BOMB(2W) PULSE
L20 36697 S ?CARBON(4W) DATING OR RADIOCARBON(W) DATING OR CARBON(W) 14
L21 3 S L20 AND BOMB(W) PULSE

FILE 'BIOTECHNO' ENTERED AT 07:27:29 ON 02 DEC 2005

L22 5 S L12

FILE 'GEOREF' ENTERED AT 07:29:18 ON 02 DEC 2005

=> s l11

LEFT TRUNCATION IGNORED FOR '?NUCLE?' FOR FILE 'GEOREF'
LEFT TRUNCATION IGNORED FOR '?NUCLE?' FOR FILE 'GEOREF'
LEFT TRUNCATION IGNORED FOR '?NUCLE?' FOR FILE 'GEOREF'

83865 CARBON
23784 DATING
413 DATINGS
24118 DATING
(DATING OR DATINGS)
7825 RADIOCARBON
1 RADIOCARBONS
7826 RADIOCARBON
(RADIOCARBON OR RADIOCARBONS)
23784 DATING

```

413 DATING
24118 DATING
      (DATING OR DATING)
      10 BIOMATERIAL#
      8323 BIOLOGICAL
68566 SAMPLE#
1357 TISSUE#
12669 CELL#
2226 ORGAN#
      841 SKIN#
      54 PEPTIDE
1919 PROTEIN#
2301 DNA
      3 DNAS
2302 DNA
      (DNA OR DNAS)
20130 NUCLE?
      426 RNA
11563 BONE#
      834 ENAMEL#
      410 COLLAGEN
      11 COLLAGENS
      412 COLLAGEN
      (COLLAGEN OR COLLAGENS)

```

L23 108 L9 (S) L2

Left truncation is not valid in the specified search field in the specified file. The term has been searched without left truncation. Examples: '?TERPEN?' would be searched as 'TERPEN?' and '?FLAVONOID' would be searched as 'FLAVONOID.'

If you are searching in a field that uses implied proximity, and you used a truncation symbol after a punctuation mark, the system may interpret the truncation symbol as being at the beginning of a term. Implied proximity is used in search fields indexed as single words, for example, the Basic Index.

=> d scan

'DISPLAY SCAN' IS NOT VALID IN CURRENT FILE

The DISPLAY SCAN command is not valid in the current file. Enter HELP FORMATS and HELP DFIELDS to see valid DISPLAY options in current file.

=> file solis

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.80	46.70

FILE 'SOLIS' ENTERED AT 07:29:53 ON 02 DEC 2005

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FILE LAST UPDATED: 11 NOV 2005

<20051111/UP>

FILE COVERS 1945 TO DATE.

=> s l11

LEFT TRUNCATION IGNORED FOR '?NUCLE?' FOR FILE 'SOLIS'
LEFT TRUNCATION IGNORED FOR '?NUCLE?' FOR FILE 'SOLIS'
LEFT TRUNCATION IGNORED FOR '?NUCLE?' FOR FILE 'SOLIS'

```

33 CARBON
44 DATING
 0 RADIOCARBON
44 DATING
 1 BIOMATERIAL#
549 BIOLOGICAL
 1 BIOLOGICALS

```

549 BIOLOGICAL
 (BIOLOGICAL OR BIOLOGICALS)
 2202 SAMPLE#
 10 TISSUE#
 179 CELL#
 1210 ORGAN#
 81 SKIN#
 0 PEPTIDE
 15 PROTEIN#
 36 DNA
 1616 NUCLE?
 6 RNA
 32 BONE#
 0 ENAMEL#
 6 COLLAGEN
 L24 0 L9 (S) L2

Left truncation is not valid in the specified search field in the specified file. The term has been searched without left truncation. Examples: '?TERPEN?' would be searched as 'TERPEN?' and '?FLAVONOID' would be searched as 'FLAVONOID.'

If you are searching in a field that uses implied proximity, and you used a truncation symbol after a punctuation mark, the system may interpret the truncation symbol as being at the beginning of a term. Implied proximity is used in search fields indexed as single words, for example, the Basic Index.

=> d his

(FILE 'HOME' ENTERED AT 06:54:53 ON 02 DEC 2005)

FILE 'STNGUIDE' ENTERED AT 06:55:05 ON 02 DEC 2005

FILE 'HOME' ENTERED AT 06:55:09 ON 02 DEC 2005

FILE 'BIOSIS, MEDLINE' ENTERED AT 06:56:37 ON 02 DEC 2005

SET PLURALS ON PERM

L1 39045 S ?CARBON(4W)DATING OR RADIOCARBON OR CARBON(A)14
 L2 12211341 S BIOMATERIAL# OR BIOLOGICAL(W)SAMPLE# OR TISSUE# OR CELL# OR O
 L3 5542 S L1 (S) L2
 L4 9329 S FLUORESCENCE(W)ACTIVATED(W)CELL(W)SORT?
 L5 1 S L4 AND L3
 L6 0 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? CO
 L7 701626 (AGENT OR COMPOUND OR DRUG OR PHARMACEUTICAL) (S) (ADMINISTER? OR
 L8 128 S L3 AND L7
 L9 2553 S ?CARBON(4W)DATING OR RADIOCARBON(W)DATING
 L10 137977 S L9 AND L2
 L11 111 S L9 (S) L2
 L12 88 S L9 AND (DNA OR RNA OR ?NUCLE? OR NUCLEIC(W)ACID OR ?PEPTIDE
 L13 71 S L12 NOT ANCIENT
 L14 81 DUP REM L12 (7 DUPLICATES REMOVED)
 L15 67 DUP REM L13 (4 DUPLICATES REMOVED)
 L16 0 S L13 AND (CELL(W)PROLIFERATION)
 L17 2 S L13 AND (NEUROGENESIS OR NEUR?)
 L18 0 S L11 AND BOMB(W)PULSE
 L19 0 S L11 AND BOMB(2W)PULSE
 L20 36697 S ?CARBON(4W)DATING OR RADIOCARBON(W)DATING OR CARBON(W)14
 L21 3 S L20 AND BOMB(W)PULSE

FILE 'BIOTECHNO' ENTERED AT 07:27:29 ON 02 DEC 2005

L22 5 S L12

FILE 'GEOREF' ENTERED AT 07:29:18 ON 02 DEC 2005

L23 108 S L11

FILE 'SOLIS' ENTERED AT 07:29:53 ON 02 DEC 2005
L24 0 S L11

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.20	51.90

STN INTERNATIONAL LOGOFF AT 07:34:28 ON 02 DEC 2005

FILE 'SOLIS' ENTERED AT 07:29:53 ON 02 DEC 2005
L24 0 S L11

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.20	51.90

STN INTERNATIONAL LOGOFF AT 07:34:28 ON 02 DEC 2005

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTASMB1637

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY
NEWS 4 OCT 03 MATHDI removed from STN
NEWS 5 OCT 04 CA/CAPplus-Canadian Intellectual Property Office (CIPO) added
to core patent offices
NEWS 6 OCT 13 New CAS Information Use Policies Effective October 17, 2005
NEWS 7 OCT 17 STN(R) AnaVist(TM), Version 1.01, allows the export/download
of CAPplus documents for use in third-party analysis and
visualization tools
NEWS 8 OCT 27 Free KWIC format extended in full-text databases
NEWS 9 OCT 27 DIOGENES content streamlined
NEWS 10 OCT 27 EPFULL enhanced with additional content
NEWS 11 NOV 14 CA/CAPplus - Expanded coverage of German academic research
NEWS 12 NOV 30 REGISTRY/ZREGISTRY on STN(R) enhanced with experimental
spectral property data

NEWS EXPRESS NOVEMBER 18 CURRENT VERSION FOR WINDOWS IS V8.01,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005.
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT
<http://download.cas.org/express/v8.0-Discover/>

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:16:51 ON 02 DEC 2005

=> file biosis medline

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'BIOSIS' ENTERED AT 10:17:04 ON 02 DEC 2005

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FILE 'MEDLINE' ENTERED AT 10:17:04 ON 02 DEC 2005

=> s Lovell M/AU

L1 69 LOVELL M/AU

=> s l1 AND 2002/PY

L2 2 L1 AND 2002/PY

=> d ti

L2 ANSWER 1 OF 2 MEDLINE on STN

TI Numerical analysis of an anastomotic device.

=> d scan

THERE WERE NO ANSWERS FROM FILES THAT ALLOW THE USE OF SCAN

=> s bomb(w)pulse

L3 15 BOMB(W) PULSE

=> d scan

L3 15 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

TI Predominant anthropogenic sources and rates of atmospheric mercury accumulation in southern Ontario recorded by peat cores from three bogs: Comparison with natural "background" values (past 8000 years).

IT Miscellaneous Descriptors

agricultural activities; agricultural region; biogeochemistry; biomass burning; bogs; bomb pulse curve; climatic change; land use history; mercury fluxes: natural variations; mercury/bromine ratios; peat cores; pre-anthropogenic period; pre-industrial times

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> l3 and Lovell/au

L4 0 L3 AND LOVELL/AU

=> s neurofibrillary(w)tangles

L5 7952 NEUROFIBRILLARY(W) TANGLES

=> s l5 and bomb(w)pulse
L6 2 L5 AND BOMB(W) PULSE

=> d scan

L6 2 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Use of **bomb pulse** carbon-14 to age senile plaques and
neurofibrillary tangles in Alzheimer's disease.
IT Methods & Equipment
accelerator mass spectrometry: measurement method
IT Miscellaneous Descriptors
neurofibrillary tangles; senile plaques

NOT ALL FILES IN THE CURRENT ENVIRONMENT ALLOW THE USE OF SCAN
ALL ELIGIBLE ANSWERS HAVE BEEN SCANNED

=> sel l6 cit 1
L6 WAS CREATED DURING MULTIFILE PROCESSING AND CANNOT BE USED WHEN CREATING E#S
Enter SET SMARTSELECT ON before using SELECT to create an L-number of
terms extracted from an L-number that contains answers or terms from
more than one file. SET SMARTSELECT ON must be entered before you
execute the SELECT command.

=> file biosis

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.46	2.67

FILE 'BIOSIS' ENTERED AT 10:19:49 ON 02 DEC 2005
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FILE COVERS 1969 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 1 December 2005 (20051201/ED)

=> s l6

2511 BOMB
189 BOMBS
2648 BOMB
(BOMB OR BOMBS)
71056 PULSE
23892 PULSES
86571 PULSE
(PULSE OR PULSES)
9 BOMB(W) PULSE
L7 1 L5 AND BOMB(W) PULSE

=> d scan

L7 1 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI Use of **bomb pulse** carbon-14 to age senile plaques and
neurofibrillary tangles in Alzheimer's disease.
IT Methods & Equipment
accelerator mass spectrometry: measurement method
IT Miscellaneous Descriptors
neurofibrillary tangles; senile plaques

ALL ANSWERS HAVE BEEN SCANNED

=> sel l7 cit 1

E1 THROUGH E1 ASSIGNED

=> s e1

'RE' IS NOT A VALID FIELD CODE

L8 0 "LOVELL M A, 2002, V23, P179,?"/RE

=> file scisearch

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

1.70

4.37

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SCISEARCH has been reloaded, see HELP RLOAD for details.

=> s e1

L9 5 "LOVELL M A, 2002, V23, P179,?"/RE

("LOVELL M A, 2002, V23, P179,"?/RE)

=> d scan

L9 5 ANSWERS SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN

AN 2005:891214 SCISEARCH

GA The Genuine Article (R) Number: 956ZF

TI Discussion: Reporting and calibration of post-bomb C-14 data

CC GEOCHEMISTRY & GEOPHYSICS

STP KeyWords Plus (R): ORGANIC RESIDUES; RADIOCARBON; AGE; OCEAN; TERRESTRIAL;

VARIABILITY; ACCELERATOR; DYNAMICS; HISTORY; CORALS

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):4

L9 5 ANSWERS SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN

AN 2005:277522 SCISEARCH

GA The Genuine Article (R) Number: 902FS

TI Neuroscience and accelerator mass spectrometry

CC BIOPHYSICS; CHEMISTRY, ORGANIC; SPECTROSCOPY

ST Author Keywords: accelerator mass spectrometry; carbon-14; radiocarbon;

diisopropyl fluorophosphate; Alzheimer's disease

STP KeyWords Plus (R): CENTRAL-NERVOUS-SYSTEM; BOMB C-14; ATRAZINE

METABOLITES; SYNAPTIC PLASTICITY; BIOCHEMICAL SAMPLES; HUMAN URINE;

PERFORMANCE; GRAPHITE; ALUMINUM; EXPOSURE

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L9 5 ANSWERS SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN

AN 2004:152413 SCISEARCH

GA The Genuine Article (R) Number: BY28F

TI Applications of radioanalytical chemistry to Alzheimer's disease

CC CHEMISTRY, MULTIDISCIPLINARY

STP KeyWords Plus (R): ZINC NEUROTOXICITY; PLAQUE-FORMATION; SENILE PLAQUES;

PREVALENCE; TANGLES; C-14

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L9 5 ANSWERS SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN

AN 2005:467032 SCISEARCH

GA The Genuine Article (R) Number: 920WB

TI Increased oxidative damage in nuclear and mitochondrial DNA in Alzheimer's disease

CC BIOCHEMISTRY & MOLECULAR BIOLOGY; NEUROSCIENCES

ST Author Keywords: Alzheimer's disease; gas chromatography/mass

spectrometry; 8-hydroxyguanine; mitochondrial DNA; nuclear DNA; oxidative

stress

STP KeyWords Plus (R): ANTIOXIDANT ENZYME-ACTIVITY; LIPID-PEROXIDATION;
DEGENERATIVE DISEASES; CLINICAL-DIAGNOSIS; HYDROGEN-PEROXIDE; SENILE
PLAQUES; BASE DAMAGE; BRAIN; STRESS; MECHANISMS
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L9 5 ANSWERS SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2004:942567 SCISEARCH
GA The Genuine Article (R) Number: 862NR
TI The Amyloid Hypothesis and the clearance and degradation of Alzheimer's
beta-peptide
CC NEUROSCIENCES
ST Author Keywords: oligomer; proteolysis; aging; misfolded proteins;
deposition; peripheral sink
STP KeyWords Plus (R): BLOOD-BRAIN-BARRIER; PROTEIN A-BETA; HEPARAN-SULFATE
PROTEOGLYCANS; APOLIPOPROTEIN E4 PROMOTES; HUMAN CEREBROSPINAL-FLUID;
GAMMA-SECRETASE CLEAVAGE; INSULIN-DEGRADING ENZYME; TRANSGENIC MOUSE
MODELS; LONG-TERM POTENTIATION; IN-VIVO
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

ALL ANSWERS HAVE BEEN SCANNED

=> s lovell M/au
L10 115 LOVELL M/AU

=> s l10 and bomb(w)pulse
4462 BOMB
634 BOMBS
4999 BOMB
(BOMB OR BOMBS)
136897 PULSE
63288 PULSES
175435 PULSE
(PULSE OR PULSES)
37 BOMB(W) PULSE
L11 0 L10 AND BOMB(W) PULSE

=> s bomb(w)pulse AND neurofibrillary(w)tangles
4462 BOMB
634 BOMBS
4999 BOMB
(BOMB OR BOMBS)
136897 PULSE
63288 PULSES
175435 PULSE
(PULSE OR PULSES)
37 BOMB(W) PULSE
5473 NEUROFIBRILLARY
5302 TANGLES
4431 NEUROFIBRILLARY(W) TANGLES
L12 4 BOMB(W) PULSE AND NEUROFIBRILLARY(W) TANGLES

=> d scan

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AN 2004:152413 SCISEARCH
GA The Genuine Article (R) Number: BY28F
TI Applications of radioanalytical chemistry to Alzheimer's disease
CC CHEMISTRY, MULTIDISCIPLINARY
STP KeyWords Plus (R): ZINC NEUROTOXICITY; PLAQUE-FORMATION; SENILE PLAQUES;
PREVALENCE; TANGLES; C-14
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

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L12 4 ANSWERS SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2001:658842 SCISEARCH
GA The Genuine Article (R) Number: 434PJ
TI Use of **bomb pulse** carbon-14 to age senile plaques and
neurofibrillary tangles in the Alzheimer's disease
brain.
CC CHEMISTRY, MULTIDISCIPLINARY

L12 4 ANSWERS SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2001:692178 SCISEARCH
GA The Genuine Article (R) Number: 465YA
TI Use of **bomb pulse** C-14 to age senile plaques and
neurofibrillary tangles in the Alzheimer's disease brain
CC CHEMISTRY, ANALYTICAL; CHEMISTRY, INORGANIC & NUCLEAR; NUCLEAR SCIENCE &
TECHNOLOGY
STP KeyWords Plus (R): PAIRED HELICAL FILAMENTS; DEMENTIA; PREVALENCE;
SEVERITY; DURATION; PROTEINS; NEURONS; LESIONS; TAU
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L12 4 ANSWERS SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2002:115021 SCISEARCH
GA The Genuine Article (R) Number: 516WY
TI Use of **bomb pulse** carbon-14 to age senile plaques and
neurofibrillary tangles in Alzheimer's disease
CC GERIATRICS & GERONTOLOGY; NEUROSCIENCES
ST Author Keywords: **neurofibrillary tangles**; senile
plaques; Alzheimer's disease; accelerator mass spectrometry
STP KeyWords Plus (R): PAIRED HELICAL FILAMENTS; SYNAPSE LOSS; DEMENTIA;
SEVERITY; DURATION; CORRELATE; PROTEINS; NEURONS; LESIONS; TAU
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

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ENTER ANSWER NUMBERS, RANGES (1-), OR ?:4
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=> d l12 hit 4

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STN
TI Use of **bomb pulse** carbon-14 to age senile plaques and
neurofibrillary tangles in the Alzheimer's disease
brain.

=> transfer
ENTER L# (L12) OR ?:l12
ENTER ANSWER NUMBERS, RANGES (1-), OR ?:4
ENTER DISPLAY FIELDS (TI) OR ?:re
REQUESTED FIELD CODE NOT PRESENT IN ANSWER(S) SPECIFIED.

=> d l12 hit 4

L12 ANSWER 4 OF 4 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN
TI Use of **bomb pulse** carbon-14 to age senile plaques and
neurofibrillary tangles in the Alzheimer's disease
brain.

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CBIB --- AN, GA, TI, AU, CS, SO, PB, DT, LA
IABS --- AB
IALL --- AN, GA, TI, AU, CS, CYA, SO, PB, DT, FS, LA, REC, ED, AB, CC, ST, STP, RE
IBIB --- AN, GA, TI, AU, CS, CYA, SO, PB, DT, FS, LA, REC, ED
IND ---- CC, ST, STP
SAM ---- AN, GA, TI, REC, CC, ST, STP
SCAN --- AN, GA, TI, CC, ST, STP(random display without answer numbers)
TRI ---- AN, GA, TI, REC, CC, ST, STP
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KWIC --- All hit terms plus 20 words on either side
OCC ---- List of display fields containing hit terms

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ENTER DISPLAY FORMAT (BIB):bib

L12 ANSWER 1 OF 4 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN
AN 2004:152413 SCISEARCH
GA The Genuine Article (R) Number: BY28F
TI Applications of radioanalytical chemistry to Alzheimer's disease
AU Robertson J D (Reprint); Lovell M A
CS Univ Missouri, Dept Chem, Columbia, MO 65211 USA (Reprint); Univ Missouri,
Res Reactor, Columbia, MO 65211 USA; Univ Kentucky, Sanders Brown Ctr
Aging, Lexington, KY 40536 USA; Univ Kentucky, Dept Chem, Lexington, KY
40506 USA
CYA USA
SO RADIOANALYTICAL METHODS IN INTERDISCIPLINARY RESEARCH, (2004) Vol. 868,
pp. 298-306.
ISSN: 0097-6156.
PB AMER CHEMICAL SOC, 1155 SIXTEENTH ST NW, WASHINGTON, DC 20036 USA.
DT General Review; Journal
LA English
REC Reference Count: 30
ED Entered STN: 20 Feb 2004
Last Updated on STN: 20 Feb 2004
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

=> d l12 hit 4

L12 ANSWER 4 OF 4 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN
TI Use of bomb pulse carbon-14 to age senile plaques and

neurofibrillary tangles in the Alzheimer's disease
brain.

=> d

L12 ANSWER 1 OF 4 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN
AN 2004:152413 SCISEARCH
GA The Genuine Article (R) Number: BY28F
TI Applications of radioanalytical chemistry to Alzheimer's disease
AU Robertson J D (Reprint); Lovell M A
CS Univ Missouri, Dept Chem, Columbia, MO 65211 USA (Reprint); Univ Missouri,
Res Reactor, Columbia, MO 65211 USA; Univ Kentucky, Sanders Brown Ctr
Aging, Lexington, KY 40536 USA; Univ Kentucky, Dept Chem, Lexington, KY
40506 USA
CYA USA
SO RADIOANALYTICAL METHODS IN INTERDISCIPLINARY RESEARCH, (2004) Vol. 868,
pp. 298-306.
ISSN: 0097-6156.
PB AMER CHEMICAL SOC, 1155 SIXTEENTH ST NW, WASHINGTON, DC 20036 USA.
DT General Review; Journal
LA English
REC Reference Count: 30
ED Entered STN: 20 Feb 2004
Last Updated on STN: 20 Feb 2004
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

=> transfer

ENTER L# (L12) OR ?:l12
ENTER ANSWER NUMBERS, RANGES (1-), OR ?:4
ENTER DISPLAY FIELDS (TI) OR ?:re
REQUESTED FIELD CODE NOT PRESENT IN ANSWER(S) SPECIFIED.

=> transfer

ENTER L# (L12) OR ?:1-4
'1-4' IS NOT A VALID L#

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	32.60	36.97

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:27:21 ON 02 DEC 2005

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTASMB1637

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'SCISEARCH' AT 10:28:17 ON 02 DEC 2005
FILE 'SCISEARCH' ENTERED AT 10:28:17 ON 02 DEC 2005
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	34.82	39.19

```
=> s Lovell/AU and (Neurobiology(w)of(w)aging)/so and 23/so
      3 LOVELL/AU
      20813 NEUROBIOLOGY/SO
      8720100 OF/SO
      12890 AGING/SO
      8158 (NEUROBIOLOGY(W)OF(W)AGING)/SO
      551082 23/SO
L13      0 LOVELL/AU AND (NEUROBIOLOGY(W)OF(W)AGING)/SO AND 23/SO
```

```
=> s lovell/au and 23/so
      3 LOVELL/AU
      551082 23/SO
L14      0 LOVELL/AU AND 23/SO
```

```
=> s lovell/au
L15      3 LOVELL/AU
```

```
=> d list
'LIST' IS NOT A VALID FORMAT FOR FILE 'SCISEARCH'
```

The following are valid formats:

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```
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BIB ---- AN, GA, TI, AU, CS, CYA, SO, PB, DT, FS, LA, REC, ED
CBIB --- AN, GA, TI, AU, CS, SO, PB, DT, LA
IABS --- AB
IALL --- AN, GA, TI, AU, CS, CYA, SO, PB, DT, FS, LA, REC, ED, AB, CC, ST, STP, RE
IBIB --- AN, GA, TI, AU, CS, CYA, SO, PB, DT, FS, LA, REC, ED
IND ---- CC, ST, STP
SAM ---- AN, GA, TI, REC, CC, ST, STP
SCAN --- AN, GA, TI, CC, ST, STP(random display without answer numbers)
TRI ---- AN, GA, TI, REC, CC, ST, STP
HIT ---- All fields containing hit terms
KWIC --- All hit terms plus 20 words on either side
OCC ---- List of display fields containing hit terms
```

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```
ENTER DISPLAY FORMAT (BIB):scan
'SCAN' IS NOT A VALID FORMAT FOR FILE 'SCISEARCH'
```

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```
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ALL ---- AN, GA, TI, AU, CS, CYA, SO, PB, DT, FS, LA, REC, ED, AB, CC, ST, STP, RE
BIB ---- AN, GA, TI, AU, CS, CYA, SO, PB, DT, FS, LA, REC, ED
CBIB --- AN, GA, TI, AU, CS, SO, PB, DT, LA
IABS --- AB
```

IALL --- AN, GA, TI, AU, CS, CYA, SO, PB, DT, FS, LA, REC, ED, AB, CC, ST, STP, RE
 IBIB --- AN, GA, TI, AU, CS, CYA, SO, PB, DT, FS, LA, REC, ED
 IND ---- CC, ST, STP
 SAM ---- AN, GA, TI, REC, CC, ST, STP
 SCAN --- AN, GA, TI, CC, ST, STP(random display without answer numbers)
 TRI ---- AN, GA, TI, REC, CC, ST, STP
 HIT ---- All fields containing hit terms
 KWIC --- All hit terms plus 20 words on either side
 OCC ---- List of display fields containing hit terms

Hit terms will be highlighted in all displayable fields except PY.

To display a particular field or fields, enter the display field codes. For a list of display field codes, enter 'HELP DFIELDS' at an arrow prompt (=>). Examples of formats include: 'BIB'; 'AB'; 'SO,ST'. You may specify the format fields in any order, and the information will be displayed in the same order as the format specification.

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ENTER DISPLAY FORMAT (BIB):bib

L15 ANSWER 1 OF 3 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
 STN
 AN 2002:104691 SCISEARCH
 GA The Genuine Article (R) Number: 498EB
 TI International consensus for core sets of outcome measures for disease
 activity (DA) and disease damage (DD) assessment. Part II: Juvenile
 dermatomyositis (JDMS).
 AU Ruperto N (Reprint); Murray; Ravelli; Lovell; Giannini;
 Tsitsami; Rider; Pachman; Machado; Garay; Bae; Balogh; Burgos-Vargas; De I
 n o c e n c i o; Harjacek; Hofer; Huemer; Kanakoudi; Mihaylova; Nielsen;
 Nikishina; Pagava; Reed; Rennebohn; Romicka; Rooney; Martini
 SO ARTHRITIS AND RHEUMATISM, (SEP 2001) Vol. 44, No. 9, Supp. [S], pp.
 S294-S294. MA 1446.
 ISSN: 0004-3591.
 PB WILEY-LISS, DIV JOHN WILEY & SONS INC, 111 RIVER ST, HOBOKEN, NJ 07030
 USA.
 DT Conference; Journal
 LA English
 REC Reference Count: 0
 ED Entered STN: 15 Feb 2002
 Last Updated on STN: 15 Feb 2002

=> file biosis

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

48.90

53.27

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FILE COVERS 1969 TO DATE.

CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
 FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 1 December 2005 (20051201/ED)

=> s Wild E M/au and 2000/PY

1 WILD E M/AU

580137 2000/PY
L16 0 WILD E M/AU AND 2000/PY

=> s Wild E M/au
L17 1 WILD E M/AU

=> d scan

L17 1 ANSWERS BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
TI IMPROVEMENTS AND SOME RESULTS OF THE NITROGEN FLUORINE ACTIVATION METHOD
FOR DATING FOSSIL BONE.
IT Miscellaneous Descriptors
SKELETON AUSTRIAN CAVE MEV NEUTRON ACTIVATION; Fossil

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=> file bioscience
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.85	54.12

FULL ESTIMATED COST

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FILE 'USPAT2' ENTERED AT 10:31:09 ON 02 DEC 2005
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FILE 'WPIDS' ENTERED AT 10:31:09 ON 02 DEC 2005
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FILE 'WPIFV' ENTERED AT 10:31:09 ON 02 DEC 2005
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FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> file scisearch		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	90.33	144.45

FILE 'SCISEARCH' ENTERED AT 10:31:25 ON 02 DEC 2005
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FILE COVERS 1974 TO 1 Dec 2005 (20051201/ED)

SCISEARCH has been reloaded, see HELP RLOAD for details.

```
=> s Wild E M/au
L18          13 WILD E M/AU
```

```
=> d scn
'SCN' IS NOT A VALID FORMAT FOR FILE 'SCISEARCH'
```

The following are valid formats:

The default display format is BIB.

```
ABS ---- AB
ALL ---- AN, GA, TI, AU, CS, CYA, SO, PB, DT, FS, LA, REC, ED, AB, CC, ST, STP, RE
BIB ---- AN, GA, TI, AU, CS, CYA, SO, PB, DT, FS, LA, REC, ED
CBIB --- AN, GA, TI, AU, CS, SO, PB, DT, LA
IABS --- AB
IALL --- AN, GA, TI, AU, CS, CYA, SO, PB, DT, FS, LA, REC, ED, AB, CC, ST, STP, RE
IBIB --- AN, GA, TI, AU, CS, CYA, SO, PB, DT, FS, LA, REC, ED
IND ---- CC, ST, STP
SAM ---- AN, GA, TI, REC, CC, ST, STP
SCAN --- AN, GA, TI, CC, ST, STP(random display without answer numbers)
TRI ---- AN, GA, TI, REC, CC, ST, STP
HIT ---- All fields containing hit terms
KWIC --- All hit terms plus 20 words on either side
OCC ---- List of display fields containing hit terms
```

Hit terms will be highlighted in all displayable fields except PY.

To display a particular field or fields, enter the display field codes. For a list of display field codes, enter 'HELP DFIELDS' at an arrow prompt (=>). Examples of formats include: 'BIB'; 'AB'; 'SO,ST'. You may specify the format fields in any order, and the information will be displayed in the same order as the format specification.

The same formats (except for HIT, KWIC, OCC, and SCAN) may be used with the DISPLAY ACC command to display the record for a specified Accession Number.

```
ENTER DISPLAY FORMAT (BIB):scan
'SCAN' IS NOT A VALID FORMAT FOR FILE 'SCISEARCH'
```

The following are valid formats:

The default display format is BIB.

```
ABS ---- AB
ALL ---- AN, GA, TI, AU, CS, CYA, SO, PB, DT, FS, LA, REC, ED, AB, CC, ST, STP, RE
BIB ---- AN, GA, TI, AU, CS, CYA, SO, PB, DT, FS, LA, REC, ED
CBIB --- AN, GA, TI, AU, CS, SO, PB, DT, LA
IABS --- AB
IALL --- AN, GA, TI, AU, CS, CYA, SO, PB, DT, FS, LA, REC, ED, AB, CC, ST, STP, RE
IBIB --- AN, GA, TI, AU, CS, CYA, SO, PB, DT, FS, LA, REC, ED
IND ---- CC, ST, STP
SAM ---- AN, GA, TI, REC, CC, ST, STP
SCAN --- AN, GA, TI, CC, ST, STP(random display without answer numbers)
TRI ---- AN, GA, TI, REC, CC, ST, STP
HIT ---- All fields containing hit terms
KWIC --- All hit terms plus 20 words on either side
OCC ---- List of display fields containing hit terms
```

Hit terms will be highlighted in all displayable fields except PY.

To display a particular field or fields, enter the display field codes. For a list of display field codes, enter 'HELP DFIELDS' at an arrow prompt (=>). Examples of formats include: 'BIB'; 'AB'; 'SO,ST'. You may specify the format fields in any order, and the information will be displayed in the same order as the format specification.

The same formats (except for HIT, KWIC, OCC, and SCAN) may be used with the DISPLAY ACC command to display the record for a specified Accession Number.

ENTER DISPLAY FORMAT (BIB):bib

L18 ANSWER 1 OF 13 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2005:891182 SCISEARCH
GA The Genuine Article (R) Number: 956ZI
TI AMS radiocarbon dating of bone samples from the Xinzhai site in China
AU Liu K X (Reprint); Han B X; Guo Z Y; Wu X H; Yuan S X; Kutschera W; Ma H J; Priller A; Steier P; Wild E M; Zhao C Q
CS Peking Univ, Inst Heavy Ion Phys, Beijing 100871, Peoples R China (Reprint); Minist Educ, Key Lab Heavy Ion Phys, Beijing 100871, Peoples R China; Peking Univ, Sch Archaeol & Museol, Beijing 100871, Peoples R China; Univ Vienna, Vienna Environm Res Accelerator, Inst Isotopenforsch & Kernphys, A-1090 Vienna, Austria
kxliu@pku.edu.cn
CYA Peoples R China; Austria
SO RADIOCARBON, (2005) Vol. 47, No. 1, pp. 21-25.
ISSN: 0033-8222.
PB UNIV ARIZONA DEPT GEOSCIENCES, RADIOCARBON 4717 E FORT LOWELL RD, TUCSON, AZ 85712 USA.
DT Article; Journal
LA English
REC Reference Count: 6
ED Entered STN: 8 Sep 2005
Last Updated on STN: 8 Sep 2005
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

=> d scan

L18 13 ANSWERS SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN 2002:265656 SCISEARCH
GA The Genuine Article (R) Number: 533DB
TI New chronological frame for the Young Neolithic Baden Culture in central Europe (4th millennium BC)
CC GEOCHEMISTRY & GEOPHYSICS
STP KeyWords Plus (R): C-14
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d his

(FILE 'HOME' ENTERED AT 10:16:51 ON 02 DEC 2005)

FILE 'BIOSIS, MEDLINE' ENTERED AT 10:17:04 ON 02 DEC 2005

L1 69 S LOVELL M/AU
L2 2 S L1 AND 2002/PY
L3 15 S BOMB(W) PULSE
L4 0 L3 AND LOVELL/AU
L5 7952 S NEUROFIBRILLARY(W) TANGLES
L6 2 S L5 AND BOMB(W) PULSE

FILE 'BIOSIS' ENTERED AT 10:19:49 ON 02 DEC 2005

L7 1 S L6
SEL L7 CIT 1
L8 0 S E1

FILE 'SCISEARCH' ENTERED AT 10:21:06 ON 02 DEC 2005

L9 5 S E1
L10 115 S LOVELL M/AU
L11 0 S L10 AND BOMB(W) PULSE
L12 4 S BOMB(W) PULSE AND NEUROFIBRILLARY(W) TANGLES
L13 0 S LOVELL/AU AND (NEUROBIOLOGY(W) OF (W) AGING) /SO AND 23/SO
L14 0 S LOVELL/AU AND 23/SO
L15 3 S LOVELL/AU

FILE 'BIOSIS' ENTERED AT 10:30:25 ON 02 DEC 2005

L16 0 S WILD E M/AU AND 2000/PY
L17 1 S WILD E M/AU

FILE 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DGENE, DISSABS, DRUGB, DRUGMONOG2, ...' ENTERED AT 10:31:09 ON 02 DEC 2005

FILE 'SCISEARCH' ENTERED AT 10:31:25 ON 02 DEC 2005

L18 13 S WILD E M/AU

=> s l18 and forensic(w)medicine
11899 FORENSIC
435 FORENSICS
12193 FORENSIC
(FORENSIC OR FORENSICS)
108897 MEDICINE
6741 MEDICINES
114190 MEDICINE
(MEDICINE OR MEDICINES)
902 FORENSIC(W) MEDICINE
L19 1 L18 AND FORENSIC(W) MEDICINE

=> d

L19 ANSWER 1 OF 1 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN
AN 2000:886022 SCISEARCH
GA The Genuine Article (R) Number: 372JR
TI C-14 dating with the bomb peak: An application to **forensic
medicine**
AU Wild E M (Reprint); Arlamovsky K A; Golser R; Kutschera W;
Priller A; Puchegger S; Rom W; Steier P; Vycudilik W
CS Univ Vienna, Inst Isotopenforsch & Kernphys, Vienna Environm Res
Accelerator, Währinger Str 17, Kavalierstrakt, A-1090 Vienna, Austria
(Reprint); Univ Vienna, Inst Isotopenforsch & Kernphys, Vienna Environm
Res Accelerator, A-1090 Vienna, Austria; Univ Vienna, Inst Gerichtliche
Med, A-1090 Vienna, Austria
CYA Austria
SO NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM
INTERACTIONS WITH MATERIALS AND ATOMS, (OCT 2000) Vol. 172, pp. 944-950.
ISSN: 0168-583X.
PB ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS.
DT Article; Journal
LA English
REC Reference Count: 18
ED Entered STN: 2000
Last Updated on STN: 2000
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

```
=> transfer
ENTER L# (L19) OR ?:119
ENTER ANSWER NUMBERS, RANGES (1-), OR ?:1-
ENTER DISPLAY FIELDS (TI) OR ?:re
L20      TRANSFER L19 1- RE :      18 TERMS
L21      2728 L20
```

```
=> sort l21 1- occ rec
SORT IS APPROXIMATELY 89% COMPLETE
PROCESSING COMPLETED FOR L21
L22      2728 SORT L21 1- OCC REC
```

```
=> d ti au rec 1
```

```
L22  ANSWER 1 OF 2728  SCISEARCH  COPYRIGHT (c) 2005 The Thomson Corporation
      on STN
TI    C-14 dating with the bomb peak: An application to forensic medicine
AU    Wild E M (Reprint); Arlamovsky K A; Golser R; Kutschera W; Priller A;
      Puchegger S; Rom W; Steier P; Vycudilik W
REC   Reference Count: 18
```

```
=> d ti rec hit 2
```

```
L22  ANSWER 2 OF 2728  SCISEARCH  COPYRIGHT (c) 2005 The Thomson Corporation
      on STN
TI    Discussion: Reporting and calibration of post-bomb C-14 data
REC   Reference Count: 37
```

Referenced Author (RAU)	Year (RPY)	VOL (RVL)	ARN PG (RPG)	Referenced Work (RWK)	
LEVIN I	1997	39	205	RADIOCARBON	<--
PUCHEGGER S	2000	172	274	NUCL INSTRUM METH B	<--
STENHOUSE M J	1977	267	828	NATURE	<--
STUIVER M	1977	19	355	RADIOCARBON	<--
WILD E	1998	40	273	RADIOCARBON 1	<--

```
=> d scan
```

```
L22  2728 ANSWERS  SCISEARCH  COPYRIGHT (c) 2005 The Thomson Corporation  on
      STN
AN    2005:720920  SCISEARCH
GA    The Genuine Article (R) Number: 944MB
TI    Radiocarbon peat chronologies and environmental change
CC    STATISTICS & PROBABILITY
ST    Author Keywords: age models; C-14 dating; peat cores; reconstruction of
      climate change
STP   KeyWords Plus (R): RAISED BOGS; BAYESIAN-APPROACH; AGE CALIBRATION;
      CLIMATIC-CHANGE; C-14 DATA; DEPOSITS; MODEL; ACCUMULATION; MIDHOLOCENE;
      RECORD
      *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
```

```
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):5
```

```
L22  2728 ANSWERS  SCISEARCH  COPYRIGHT (c) 2005 The Thomson Corporation  on
      STN
AN    2003:480661  SCISEARCH
GA    The Genuine Article (R) Number: 682TV
TI    La Nina-like conditions in the eastern equatorial Pacific and a stronger
      Choco jet in the northern Andes during the last glaciation
CC    GEOSCIENCES, MULTIDISCIPLINARY; OCEANOGRAPHY; PALEONTOLOGY
STP   KeyWords Plus (R): SEA-SURFACE TEMPERATURE; EL-NINO/SOUTHERN-OSCILLATION;
      TROPICAL SOUTH-AMERICA; PANAMA BASIN; LATE PLEISTOCENE; ICE-AGE;
```

RADIOCARBON CALIBRATION; POLLEN RECORD; OCEAN; MAXIMUM
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L22 2728 ANSWERS SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN
AN 1988:601875 SCISEARCH
GA The Genuine Article (R) Number: Q6224
TI MIDDLE-EAST-TECHNICAL-UNIVERSITY (METU) RADIOCARBON-DATES .1.
CC GEOCHEMISTRY & GEOPHYSICS

L22 2728 ANSWERS SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN
AN 2000:885945 SCISEARCH
GA The Genuine Article (R) Number: 372JR
TI Ten years after - The WOCE AMS radiocarbon program
CC INSTRUMENTS & INSTRUMENTATION; NUCLEAR SCIENCE & TECHNOLOGY; PHYSICS,
ATOMIC, MOLECULAR & CHEMICAL; PHYSICS, NUCLEAR
ST Author Keywords: radiocarbon; carbon cycle; ocean circulation; stable
carbon isotopes; global change
STP KeyWords Plus (R): C-14; CO2; SEAWATER; CARBON
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L22 2728 ANSWERS SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN
AN 2003:1099834 SCISEARCH
GA The Genuine Article (R) Number: 750WD
TI Sherlock Holmes counts the atoms
CC INSTRUMENTS & INSTRUMENTATION; NUCLEAR SCIENCE & TECHNOLOGY; PHYSICS,
ATOMIC, MOLECULAR & CHEMICAL; PHYSICS, NUCLEAR
STP KeyWords Plus (R): RADIOCARBON; AMS; ICE
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L22 2728 ANSWERS SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
STN
AN 2004:44632 SCISEARCH
GA The Genuine Article (R) Number: 761KT
TI A better radiocarbon clock
CC MULTIDISCIPLINARY SCIENCES
STP KeyWords Plus (R): PROJECT ICE CORE; C-14 AGES; CAL BP; CALIBRATION;
GREENLAND; ISOTOPE; KA; SEDIMENTS; RECORDS; SUMMIT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file biosis

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	42.19	186.64

FILE 'BIOSIS' ENTERED AT 10:35:43 ON 02 DEC 2005
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FILE COVERS 1969 TO DATE.
CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT
FROM JANUARY 1969 TO DATE.

RECORDS LAST ADDED: 1 December 2005 (20051201/ED)

=> s Wild E M/au

L23 1 WILD E M/AU

=> s bomb(w)peak/ti
2511 BOMB
189 BOMBS
2648 BOMB

```

                (BOMB OR BOMBS)
5604 PEAK/TI
  647 PEAKS/TI
6245 PEAK/TI
      ((PEAK OR PEAKS)/TI)
L24      0 BOMB(W) PEAK/TI

=> s (forensic(w)medicine AND bomb)/ti
      3592 FORENSIC/TI
        61 FORENSICS/TI
      3653 FORENSIC/TI
          ((FORENSIC OR FORENSICS)/TI)
23867 MEDICINE/TI
  1587 MEDICINES/TI
25436 MEDICINE/TI
          ((MEDICINE OR MEDICINES)/TI)
      311 FORENSIC(W)MEDICINE
  1073 BOMB/TI
    51 BOMBS/TI
  1124 BOMB/TI
          ((BOMB OR BOMBS)/TI)
L25      0 (FORENSIC(W)MEDICINE AND BOMB)/TI

```

```

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
COST IN U.S. DOLLARS                               SINCE FILE      TOTAL
                                                    ENTRY      SESSION
FULL ESTIMATED COST                               1.70      188.34

```

STN INTERNATIONAL LOGOFF AT 10:36:58 ON 02 DEC 2005

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTASMB1637

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

```

NEWS 1      Web Page URLs for STN Seminar Schedule - N. America
NEWS 2      "Ask CAS" for self-help around the clock
NEWS 3  SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY
NEWS 4  OCT 03 MATHDI removed from STN
NEWS 5  OCT 04 CA/CAPplus-Canadian Intellectual Property Office (CIPO) added
           to core patent offices
NEWS 6  OCT 13 New CAS Information Use Policies Effective October 17, 2005
NEWS 7  OCT 17 STN(R) AnaVist(TM), Version 1.01, allows the export/download
           of CAPplus documents for use in third-party analysis and
           visualization tools
NEWS 8  OCT 27 Free KWIC format extended in full-text databases
NEWS 9  OCT 27 DIOGENES content streamlined
NEWS 10 OCT 27 EPFULL enhanced with additional content
NEWS 11 NOV 14 CA/CAPplus - Expanded coverage of German academic research
NEWS 12 NOV 30 REGISTRY/ZREGISTRY on STN(R) enhanced with experimental
           spectral property data

```